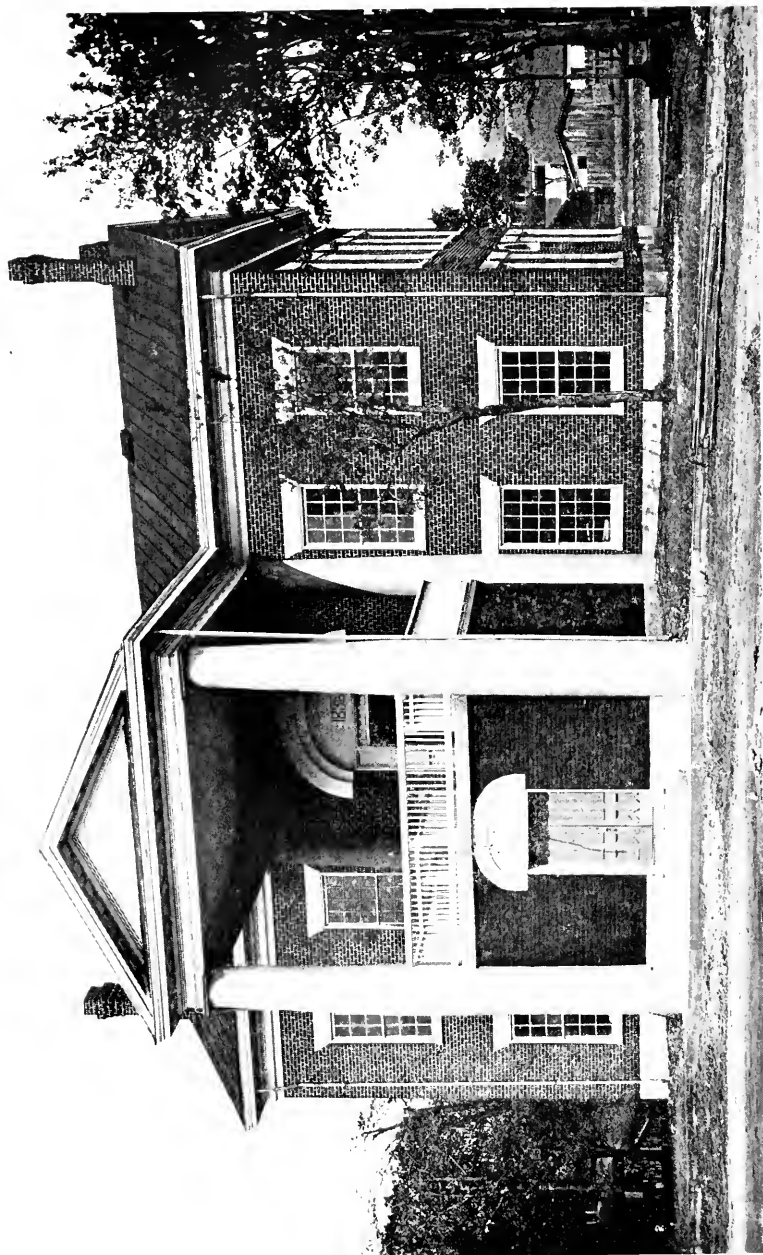


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LUMPKIN COUNTY COURT HOUSE

FORTY-FIFTH ANNUAL CATALOGUE

OF THE

NORTH GEORGIA AGRICULTURAL COLLEGE

(Branch of the University of Georgia)

AT

DAHLONEGA, GEORGIA

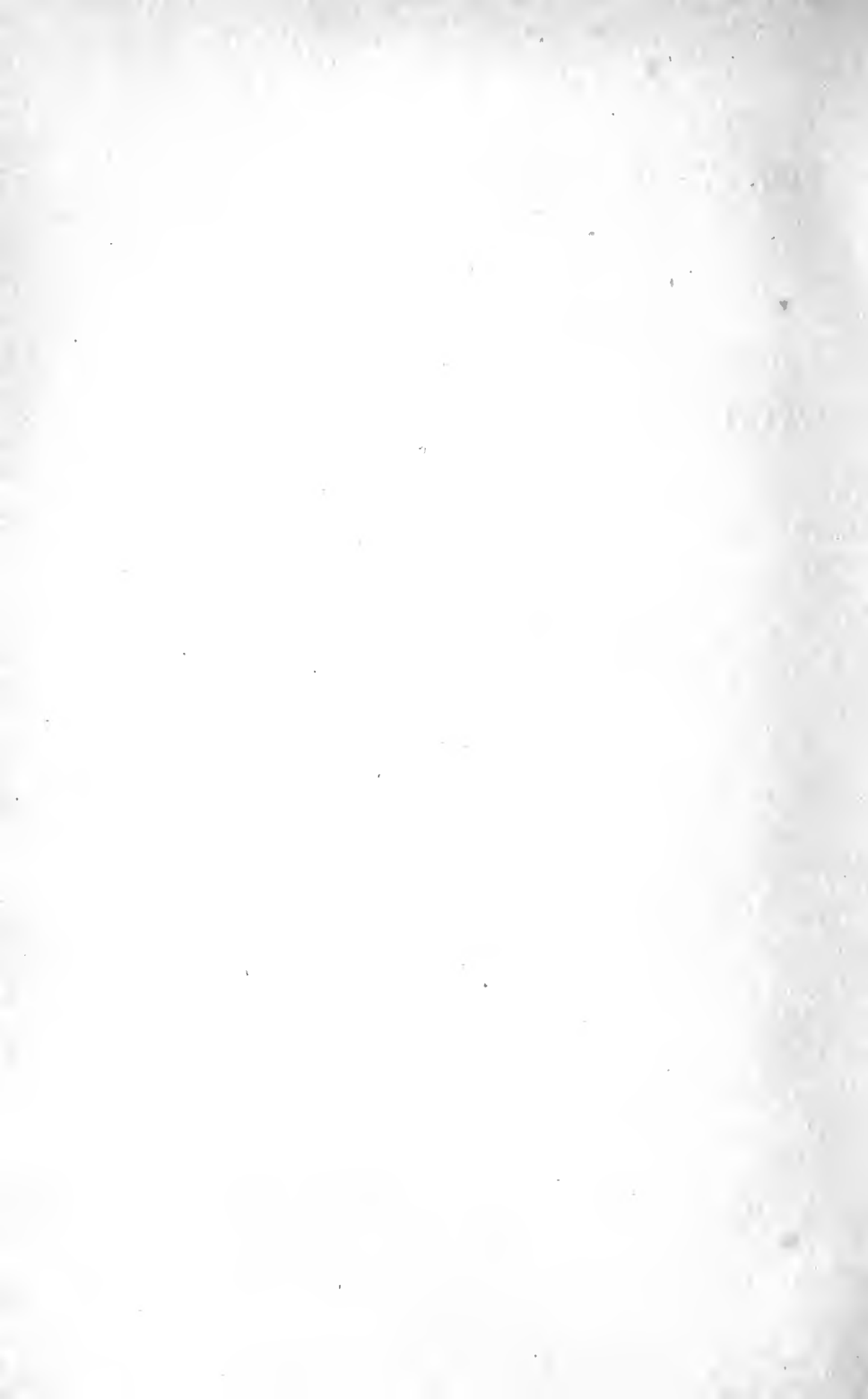
CHARTERED A. D. 1871

The First Normal College Course Authorized by the State
(Act of 1877)

1916-1917

ANNOUNCEMENTS FOR

1917-1918





PROF. J. C. BARNES,
Supt. of Barracks

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1st SERGEANT PHILIP HENDERSON
Assistant to Commandant



CAPT. F. M. MILLER
Prof. of Military Science and Tactics and Commandant

CALENDAR, 1917-18

| | |
|---|-----------------------------------|
| Fall Term Begins | September 5, 1917 |
| Entrance Examination | September 5-7 |
| National Thanksgiving | November 29 |
| Christmas Holidays | December 21 until January 2, 1918 |
| Fall Term Ends | December 31 |
| Spring Term Begins | January 2, 1918 |
| Lee's Birthday | January 19 |
| Field Day | April 1 |
| Decoration Day | April 26 |
| Commencement Sermon | Sunday, June 2 |
| Annual Meeting of Board of Trustees | Monday, June 3 |
| Commencement Day | Wednesday, June 5 |

BOARD OF TRUSTEES

| | |
|------------------------------------|-------------|
| W. B. McCANTS, President | Winder |
| J. E. McGEE | Dahlonge |
| R. H. BAKER, Secretary | Dahlonge |
| R. C. MEADERS | Dahlonge |
| F. CARTER TATE | Jasper |
| JOHN P. CHENEY | Marietta |
| A. S. HARDY | Gainesville |

FROM THE UNIVERSITY BOARD

| | |
|---------------------------|-------------|
| HOWARD THOMPSON | Gainesville |
| ANDREW J. COBB | Athens |
| G. E. MADOX | Rome |

FACULTY AND OFFICERS

1917-1918

- ✓ DAVID C. BARROW, LL.D., Chancellor of the University.
- ✓ GUSTAVUS R. GLENN, A.M., LL.D., President.
- ✓ BENJAMIN P. GAILLARD, A.M., Vice-President, Professor Chemistry, Physics, Geology.
- ✓ ELIAS B. VICKERY, A.M., Professor of Latin, Language and Literature.
- ✓ GEORGE W. CAMP, A.B., A.M., Master's Diploma, Sec. Ed., Professor of English Language and Literature, also Philosophy and Education.
- ✓ J. C. BARNES, B.S., Professor of Mathematics and Astronomy.
- ✓ WILBE R. WILSON, B.S., Agr., Professor of Agriculture.
- ✓ W. P. LUNSFORD, A.B., Professor of History and Economics.
- ✓ C. B. WRAY, B.B.S., Professor of Business Science.
- ✓ FERDINAND RUGE, B.Th., Professor of Modern Languages (Halle-Wittenberg University, Germany).
- ✓ F. ANGELBERG, Director of Band.
- ✓ BYRON J. SNYDER, B.S., Met. E., Professor of Electrical and Mining Engineering.
- ✓ W. L. ASH, A.B., Secretary, Assistant Professor English.
- ✓ E. N. NICHOLSON, B.S., Agr., Assistant Professor of Mathematics.
- ✓ MRS. H. S. NEWMAN, Domestic Science.
- ✓ MISS GEORGEANA PEET, A.B., Professor Elocution and French.
- F. M. MILLER, Captain Infantry, U. S. A., Professor Military Science and Tactics, and Commandant of Cadets.
- SERGEANT A. HENDERSON, Assistant to Commandant.
- MISS OLA HEAD, Librarian.

*_____, College Surgeon.

*Surgeon to be elected.

FACULTY COMMITTEES

COURSE OF STUDY.

GEORGE W. CAMP, Chairman.

J. C. BARNES

W. L. ASH

DORMITORY.

GEORGE W. CAMP, Chairman.

C. B. WRAY

W. L. ASH

LIBRARY.

GEORGE W. CAMP, Chairman.

J. C. BARNES

B. P. GAILLARD

BROWN FUND.

DR. G. R. GLENN, Chairman.

E. B. VICKERY

B. P. GAILLARD

CATALOGUE.

DR. G. R. GLENN

W. L. ASH

B. P. GAILLARD

BYRON J. SNYDER

GEORGE W. CAMP

ATHLETICS.

B. J. SNYDER, Chairman.

W. R. WILSON

E. NICHOLSON



MAIN BUILDING

SCHEDULE OF DAILY RECITATIONS 1917 -18

| | | | |
|-------------------|------|---|-----|
| 9:00-9:45 A. M. | I. | Freshman English, Prof. Camp | (4) |
| | | Senior Science, Prof. Gaillard | (5) |
| | | Third Prep. Latin, Prof. Vickery | (5) |
| | | Junior Mathematics, Prof. Barnes | (5) |
| | | Sophomore History, Prof. Lunsford | (3) |
| | | Second Prep. English, Prof. Ash | (5) |
| | | Sophomore Mining, Prof. Snyder | (5) |
| | | First Prep. Arithmetic, Prof. Nicholson | (5) |
| | | Sophomore Agriculture, Prof. Wilson | (5) |
| | | First Prep. Domestic Science, Mrs. Newman . . . | (3) |
| 9:45-10:30 A. M. | | Freshman Expression, Miss Peet | (1) |
| | | Third Prep. Business, Prof. Wray | (5) |
| | II. | Sophomore Science, Prof. Gaillard | (5) |
| | | Sophomore Education, Prof. Camp | (3) |
| | | Senior Philosophy, Prof. Camp | (3) |
| | | Freshman Mathematics, Prof. Barnes | (5) |
| | | Second Prep. History, Prof. Lunsford | (5) |
| | | Third Prep. English, Prof. Ash | (5) |
| | | Junior Mining, Prof. Snyder | (5) |
| | | First Prep. Algebra, Prof. Nicholson | (5) |
| 10:30-11:15 A. M. | | Junior Agriculture, Prof. Wilson | (5) |
| | | Junior French, Prof. Ruge | (2) |
| | | Junior Latin, Prof. Vickery | (3) |
| | | Senior Latin, Prof. Vickery | (2) |
| | | Senior Domestic Science, Mrs. Newman | (2) |
| | | Sophomore Domestic Science, Mrs. Newman . . . | (3) |
| | III. | Junior Education, Prof. Camp | (3) |
| | | Junior Science, Prof. Gaillard | (5) |
| | | Senior Mathematics, Prof. Barnes | (5) |
| | | Freshman History, Prof. Lunsford | (3) |
| 11:15-12:00 M. | | Second Prep. Latin, Prof. Vickery | (5) |
| | | First Prep. Latin, Prof. Ash | (5) |
| | | Sophomore French, Prof. Ruge | (3) |
| | | Sophomore Expression, Miss Peet | (2) |
| | | Freshman Expression, Miss Peet | (2) |
| | | Third Prep. Science, Prof. Nicholson | (5) |
| | | Third Prep. Domestic Science, Mrs. Newman . . . | (3) |
| | | Freshman Agriculture, Prof. Wilson | (5) |
| | | Second Prep. Business, Prof. Wray | (5) |
| | | Freshman Mining, Prof. Snyder | (5) |
| | IV. | Sophomore English, Prof. Camp | (4) |
| | | Freshman Science, Prof. Gaillard | (5) |
| | | Third Prep. Mathematics, Prof. Barnes | (5) |
| | | First Prep. History, Prof. Lunsford | (5) |
| | | Senior Mining, Prof. Snyder | (3) |
| | | Second Prep. Science, Prof. Nicholson | (5) |
| | | Second Prep. Domestic Science, Mrs. Newman . . . | (3) |
| | | Junior Spanish, Prof. Ruge | (3) |
| | | Freshman Business, Prof. Wray | (5) |
| | | Sophomore Expression, Miss Peet | (1) |

V. Drill, A. and B. Companies.
 12:00-1:15 P. M. Band Practice.
 Laboratory.

VI. Dinner.
 1:15-2:00 P. M.

VII. Junior English, Prof. Camp (3)
 2:00-2:45 P. M. Senior English, Prof. Camp (2)
 Freshman Latin, Prof. Vickery (5)
 Sophomore Mathematics, Prof. Barnes (5)
 Third Prep. History, Prof. Lunsford (4)
 First Prep. English, Prof. Ash (5)
 Senior Spanish, Prof. Ruge. (3)
 Junior and Senior Business, Prof. Wray (5)
 Senior Agriculture, Prof. Wilson (5)
 Domestic Science Lab., Mrs. Newman (5)
 Science Lab., Prof. Gaillard (5)
 Mining Lab., Prof. Snyder (5)

VIII. Freshman Education, Prof. Camp (3)
 2:45-3:30 P. M. Junior History, Prof. Lunsford. (3)
 Senior History, Prof. Lunsford (2)
 Senior French, Prof. Ruge (3)
 Sophomore Business, Prof. Wray (5)
 Second Prep. Mathematics, Prof. Ash (5)
 Sophomore Latin, Prof. Vickery (5)
 Mining Lab., Prof. Snyder (5)
 Science Lab., Prof. Gaillard (5)
 Agricultural Lab., Prof. Wilson (5)
 Freshman Domestic Science, Mrs. Newman (5)
 First Prep. Business, Prof. Nicholson (5)

IX. Freshman French, Prof. Ruge (3)
 3:30-4-15 P. M. Science Lab., Prof. Gaillard (5)
 Mining Lab., Prof. Snyder (5)
 Business Lab., Prof. Wray (5)
 Domestic Science Lab., Mrs. Newman (5)
 Agricultural Lab., Prof. Wilson (5)

General Information

ORIGIN AND PURPOSE OF THE COLLEGE.

This College owes its origin to the Act of Congress of July 2, 1862, entitled "An Act donating public lands to the several States and Territories which may provide colleges for the benefit of agriculture and mechanic arts." The Act contemplates the "endowment, support and maintenance of at least one college, where the leading object will be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts in such manner as the legislature of the States may respectively prescribe, in order to promote the liberal and practical education of the industrial classes."

The fund having been received by the State, the interest of it was placed under the control of the Trustees of the University by which the North Georgia Agricultural College became a department of the University, the title of the above property being conveyed to the Trustees of the University on the conditions specified in the donation, the Trustees of the University appointing the President of the College, making a certain allowance for its support, to-wit: \$2,000 annually, and exercising over it a general supervision.

LOCATION.

The College is located at Dahlonega, twenty-five miles north of Gainesville, and sixteen miles west of Brookton. Gainesville is on the Southern Railway, and Brookton on the Gainesville and Northeastern Railway. Except in very bad weather, the roads are good from either of these stations,

and the trip to Dahlonega can be made in an automobile in an hour and a half from Gainesville, or about an hour from Brookton. Dahlonega is a quiet mountain town, almost surrounded by the Blue Ridge Mountains. The location of the College Buildings is about fifteen hundred feet above sea level, and entirely free from all malarial poisons. Dahlonega is famed for the healthfulness of its location. There is no finer climate on earth than we have here at the foot-hills of the Blue Ridge Mountains.

FORTY-FOUR YEARS OLD.

The Institution completes this year its forty-fourth session. Approximately, seven thousand young people of the State received a part, and in many cases all of their higher education here. Many of the men who are now the aggressive and constructive leaders in all sections of the State, received their training here. These men are all excellent witnesses, bearing testimony to the high value of military training combined with academic discipline. Military training makes a boy prompt, reliable, and vigorous in physical efficiency. While the academic work that he does here makes him strong, self reliant, and eager to win. The Institution is the oldest branch of the State University, and it can modestly claim it's full share of intelligent and efficient leaders among the constructive workers of the State. If an institution is to be measured by the number of men it contributes to the active and progressive forces of civilization, this Institution will compare favorably with any college in the country. It is not the noisy school that is continuously placing itself in the lime light, that develops either the scholar or the strong leader of men. Both scholarship and effective leadership are usually born in some quiet retreat removed from the noise and distraction of the outside world.

HEALTH RECORD.

Dahlonega is known far and wide for its fine climate. The elevation is 1500 feet above the sea level. Nature seems to



INDUSTRIAL BUILDING

have designed the location at the foot hills of the Blue Ridge as a health resort and a seat of learning. There are no mosquitoes, no malaria, and the place is kept so well drained and clean, that there are comparatively but a few flies even in the summer. The place is practically free from all the diseases that ordinarily attack people in lower altitudes. For many years we have not had a case of serious sickness in our dormitories. Our boys usually gain in weight from twenty to thirty pounds during the year. Our dormitories are kept in the finest sanitary condition during the entire year. No institution in the State has a finer health record than this Institution has had from the beginning.

THE COLLEGE JOINS THE RESERVE OFFICERS TRAINING CORPS.

The State of Georgia should be proud that the one college able to take advantage of the liberal terms of the Act of June 3rd, 1916, establishing a Reserve Officer's Training Corps. The object of this Act is not to put young men necessarily under obligations to the War Department, but to prepare them to fulfill the obligations of citizenship when they grow older. Now that the college has qualified for the Senior Division of the Reserve Officer's Training Corps her usefulness and influence are to be greatly extended. The War Department will have complete supervision of the discipline and military training and the tone and ideals of the school will be strengthened every day.

On January 1st, 1917, military instruction began that will prepare all students who desire to do so to accept on graduation, commissions in the U. S. Army.

Under the Act of July 2nd, 1862 commonly called the Morrill Act certain colleges have been supplied with government funds, arms, ammunition, and trained instructors. Under this new act of June 3rd, 1916, some of these colleges will in addition have the following advantages: (1) Uniforms for all students beginning July 1st, 1917. (2) Com-

mutation of rations for Juniors and Seniors. (3) Periodical camping trips, tentage, equipment, rations and travel pay supplied by the Government. (4) (Optional) Six month's post graduate course as a student officer in the U. S. Army with \$100.00 per month pay. (5) (Optional and conditional on examinations) Commission in the U. S. Army with a salary of \$1,700.00 and allowances.

There are very few schools in the U. S. that are able to take advantage of these opportunities offered by the Government. With the large increase in the Army there will be required a large number of commissioned officers. The War Department is using every means possible to attract competent young men into the service. The failure of the War Department to get these men is not due to lack of attraction (\$1,700.00 a year and liberal allowances and an increase with service and promotion) but is due to a lack of trained and competent material. Dahlonga is now to become a training school where men are to be turned out eligible for this service whether they desire to accept it or not. If the student decides on graduation not to enter the Army, but to become an educator or a lawyer, or a captain of industry, his training will still have a great practical value because he will have become not only a military expert, but he will have a training that will make him an efficient leader in any walk in life.

VALUE OF MILITARY TRAINING.

The North Georgia Agricultural College is one of the few real military schools in the United States. It was organized under the Morrill Act, the object of which is to provide means whereby young men may receive military training so that in case of an emergency the government will have a larger number of competents from which to choose officers for the army.

Dahlonga is the ideal place for a boys school. Its climate is healthy and invigorating. It is located 25 miles from the railroad in a small basin at the foot of the Blue

Ridge Mountains. It possesses no country club, theatres or hotel lobbies to divert boys from healthy recreation during release from quarters.

The military training that a boy gets at Dahlonga is for the purpose of making him aggressive and self-reliant. In order to get along the student must learn to be prompt, accurate and manly.

In addition to its creating a national asset, military training is of great benefit to an individual in civil life. It corrects defects of physique, eradicates many untidy, careless and even discourteous habits which many young men may possess. It inculcates respect for properly constituted authority, prompt obedience to lawful orders and effective performance of duty. In other words it teaches that loyalty and efficiency are the keynotes of success and that pure blood, physical vigor and manliness are the greatest of all assets.

Dahlonga is a school with an ideal. The student is taught and encouraged to put every thought, word and action to the test of loyalty before indulgence. Loyalty embraces the observance of the Golden Rule. It teaches not only obedience to but affection for the law. It places on a pinnacle duty, honor, and country, and makes the welfare of this institution of supreme importance to each individual cadet. The Corps should discourage any lowering of its own standards. Every time a cadet makes a disparaging remark, or "runs a late", or wears a soiled collar it lowers the standard of the Corps and an irreparable damage has been done. The great law in this college is "CONDUCT TO THE PREJUDICE OF GOOD ORDER OR MILITARY DISCIPLINE IS FORBIDDEN."

Offences are any acts, omissions, or habits unfavorable to the peculiar duties of a student or incompatible with the obligations of morality or inconsistent with the propriety, decorum, or courtesy which should always characterize the gentleman. As the aim of the college is to train a body of gentlemen in knowledge, virtue and refinement, whatever has a tendency to defeat this end or is inconsistent with it,

shall be treated and punished as an offence, whether expressly mentioned in the laws or not. Each individual cadet should ponder these things and when he sees or hears anything that he knows to be wrong he should use every legitimate means in his power to discourage the wrong doing. It is only thus that we can develop the finest corps of cadets in the South. The authorities of this college urge the officers and non-commissioned officers to use the guard report carefully calling attention to wrongs and discrepancies only for the purpose of correcting them. Personal feeling or prejudice in this connection would be very detrimental. The hope of reward or the fear of censure are not to be considered in the performance of a military duty. The sense of decency, propriety and right which every honorable young man carries in his own bosom shall be taken as a sufficient means of knowing these things and he who pleads ignorance in such matters is unfit to be a member of the college. The Board of Trustees and Faculty require the students to maintain the character of refined and elevated Christian gentlemen. They should be ashamed of any man who would excuse breaches of morality, propriety, and decorum on the plea that the acts in question were not specially condemned in the regulations. They earnestly desire that the student may be influenced to good conduct and diligence in study by higher motives than the coercion of law; and they mainly rely for the success of this institution as a place of education, on moral principles, a sense of duty, and the generous feelings which belong to young men engaged in honorable pursuits.

AIMS OF THE COLLEGE.

The aim of this college is to educate young men to be gentlemen, to create a desire for self development, and to so broaden the mind of the student that he can intelligently and wisely map out his own future.

The aim then is to mould youth into men of character and ability. Here higher instruction, instruction of colle-



NEW DORMITORY

giate grade, is conducted on the military system, with the purpose not necessarily to turn out soldiers, but rather men soldierly in thought and action. Tread-mill methods in education are to be deplored, but there is a greater, a more dangerous error to be guarded against: namely, educational methods that tend to make students mere pleasure seekers in the pursuit of knowledge. Power and disposition to accomplish are superior results in education effort and character is the staying quality in a successful struggle. The soldier-spirit calls first for mastery of self, the ability to hold tendencies, desires, caprices subordinate to one's highest welfare, and it is the application of this principle in the training of young men that alone insures the strength and steadiness needed for a truly serviceable career. Whatever the duty, it must be done, and the supreme compensation, the satisfaction of having done the duty—such is the soldier-spirit that this institution would inculcate.

NO HAZING ALLOWED.

The Board of Trustees and the Faculty strongly condemn the practice known as hazing in any shape or form, as inconsistent with the character of a student of this institution. Any student engaging in such practice involving any indignity, either threatened or actual, to another student or applicant shall be subject to expulsion.

The President upon the recommendation of the commandant may require the withdrawal of any student whose general deportment and conduct is improper and offensive or likely to be a bad example to the students or who in his opinion is from any cause an unfit member of the institution.

All cases calling for discipline by the Faculty shall be at once reported to the parents or guardians of the students concerned whether they be of age or not.

EACH STUDENT, ON ENTERING THIS COLLEGE, AUTOMATICALLY BECOMES A MEMBER OF THE R. O. T. C., PROVIDED HE IS PHYSICALLY QUALIFIED.

Personally :

A member of the R. O. T. C. should be a patriot. He should be proud of the service he is rendering his country by preparing himself to be a soldier. He should realize that the oldest, the most honorable and the most unselfish profession is the profession of arms.

He should be loyal to this college. He should speak of it with praise and act always as a trustworthy custodian of its good name.

His honesty and integrity should be such that he would be ashamed to think that any man doubted his word or the sincerity of his conduct.

He should be ashamed to be a seeker after special privileges because he should realize that the efficiency of the corps of cadets is based on equality.

He should remember that success lies within himself and depends on his own courage, ambition, and determination.

He should expect difficulties and meet them like a man—turning hard experience into capital for future struggles.

He should be cheerful in the performance of every duty, play the game like a man and fight against nothing so hard as against his own weakness.

Professionally :

He should believe in the objects for which the training corps was established.

He should believe that the American flag stands for—Honor, Justice, Truth, Civilization, Democracy, Liberty, Humanity.

He should believe in Peace, but in Peace with Honor and Self-respect.

He should believe that it should be the duty of every



OLD DORMITORY

able-bodied American to prepare himself in a military way to uphold the honor of his country.

He should believe in personal preparedness, that he himself in seeking proficiency in the profession of arms, that it would be a crime to send an uninstructed man into battle and that it is a worse crime to intrust soldiers to an uninstructed officer.

He should believe in the obligations of citizenship as contemplated by the constitution—that each citizen should be required to render military service to the state.

He should believe that economically, military training pays because it increases capacity for production by lengthening life, by strengthening the body, by improving the mind, by purifying the blood, by teaching obedience to lawful authority and by inculcation of patriotism, courtesy, honor, loyalty, manliness, cleanliness, thoroughness, organization, and teamwork.

ABOUT THE FARM.

During the past two years the Board of Trustees has purchased two tracts of land and added them to the college farm. The first of thirteen acres is a very productive piece of land adjoining the farm and lying well. The second is a body of some fifty acres just across the road from the farm and is fine pasture land. This makes available to the agricultural department about ninety acres of land.

During the past year a modern and up-to-date barn has been erected on the farm. It is a practical combination barn, constructed along modern and economical lines, housing the dairy herd and working stock.

Next to the barn stands a new 75-ton silo, where food will be stored for the use of the dairy and beef herds during the winter.

A first-class Shorthorn bull and some registered Shorthorn cows have been purchased, and will be the forerunner of a Shorthorn herd in this section. We will demonstrate

the fitness of this section for cattle-raising and hope to make it one of the leading industries of the country.

New and modern machinery is also being added from time to time, the students being instructed in their uses.

It is the aim and object of the Agricultural Department to operate each branch of the farm work in a practical, economic manner, that it may be an object lesson to the student, and illustrate the class room work.

LIBRARY.

Although our Library has been badly handicapped since the burning of Bostwick Hall, yet it is still a valuable asset in college work. There are some 5,000 books, beside government publications. In addition to this, the leading magazines are taken. The books have been selected with reference to being used by students, furnishing auxiliary information on topics of daily interest. The librarian is sympathetically co-operative with students and helpful to the faculty. The faculty assists students in their reading by giving references that may be found among books on hand. In an important sense the Library is our academic laboratory, in which problems are worked out.

The books have been catalogued according to the Melvil Dewey Library system, and are readily accessible.

In addition to the main library a special departmental professional library is being built up in connection with the Department of Philosophy and Education. This is to be made a strong factor in this work. It is the intention of the College authorities to continue to make the library more and more up-to-date and useful.

NEW INDUSTRIAL BUILDING.

The new Industrial Building is a brick structure sixty feet wide and one hundred and twenty feet long, three stories high, well lighted and equipped with steam heat and lavatories on each floor.

The building provides quarters for the departments of Mining and Electrical Engineering, Agriculture, Chemistry, Domestic Science, Mathematics and offices for the President and Commandant.

The Manual Training Department, Assay and Metallurgical laboratories are housed on the ground floor of this building. The shops are equipped with the most up-to-date machinery; the machines used being those best adapted to instruction.

The Wood-Working Shop is equipped with a twenty-six inch Frank Cabinet Planer, Baker Universal Saw, Hand Planer, Jig Saw, etc. With the use of these machines it is possible to do the best kind of wood work.

The Machine Shop contains drill presses, metal lathes, etc. The Wood-Turning Shop is equipped with most up-to-date wood lathes.

The power for the shops is supplied by a 20 H. P. Foos gasoline engine.

With the present equipment of this department it is possible to provide what every young man should know—hand knowledge—the use of tools—as no young man of the present day is thoroughly equipped without this training.

The Department of Agriculture, Mining Engineering and the President's and Commandant's offices are situated on the first floor.

The Second floor provides ample room for the Departments of Chemistry, Domestic Science, Drafting and Mathematics. The drafting room is an especially well lighted and pleasant room.

LITERARY SOCIETIES.

The Literary Society at Dahlonaga is a standard part of college work, and there arises from it a spirit that is academic and practical. It is co-existent with the college. From its halls have gone men equipped in thought and power of expression, to become leaders at the bar and in legislative halls.

No part of one's college course is more valuable than the training derived from taking an active part in a good literary society. It is here one learns to think and to express himself while standing; to meet his antagonist in mental contests.

There are two well-organized literary societies here—the Decora Palaestra and the Phi Mu. They furnish unexcelled opportunities to students who wish to develop and improve themselves in Elocution, Reading, Composition and Debate. They meet each Saturday evening.

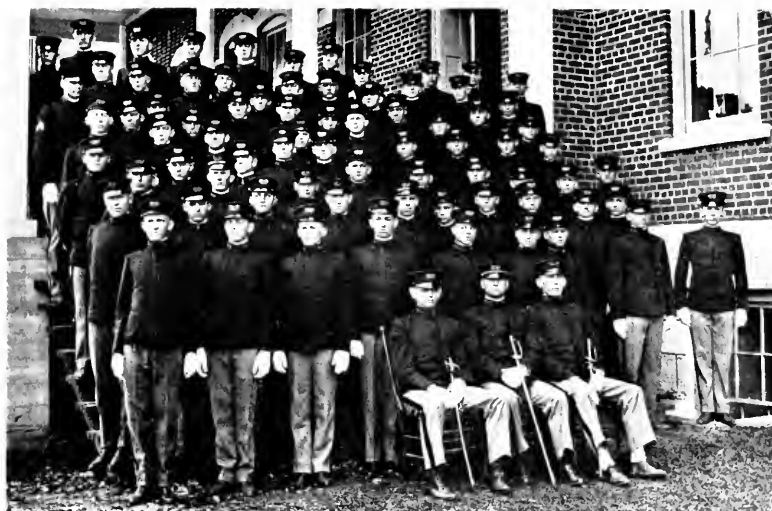
Joint debates are arranged between these societies at regular intervals during each term. The champion debate between these societies is held during commencement week and form an important part in the regular exercises.

Intercollegiate debates will be arranged whenever practicable, and offer splendid opportunities for displaying true college spirit. Also the drill in the use of parliamentary law is an important consideration, and can nowhere be better developed than here.

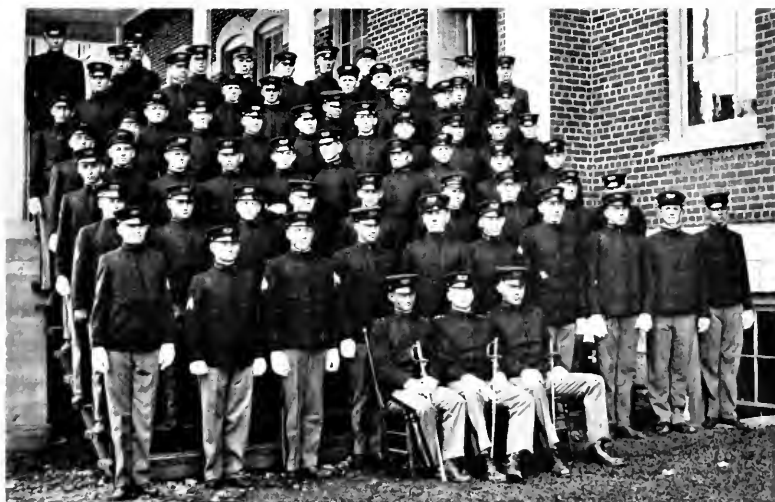
ELECTION OF STUDIES.

A. B. and B. S. students above Sophomore class will be allowed to select their studies, so far as the schedule of recitations will permit, after consultation with a special committee appointed from those members of the faculty with whom the work of these courses is done, the decision of that committee being subject to other regulations regarding irregular courses.

All students in the Prep classes will be required to take some regular course laid down in the catalogue. Students in the collegiate classes who wish to take irregular courses shall have at least five studies a day, two laboratory periods being counted as one study. Exceptions to this rule will be made only in case of students who file with the chairman of the committee on courses the college surgeon's certificate of physical disability.



COMPANY "A"



COMPANY "B"

THE DORMITORIES.

The dormitories on the College grounds will accommodate 150 students. Each dormitory is under the immediate supervision of resident members of the faculty, thus securing personal attention to the needs of the students that can be brought about satisfactorily in no other manner.

The system of discipline employed in the dormitories is, as it is throughout the College, military in its nature, but so arranged as to give to each student all the liberty warranted by continued good conduct and high class standing.

All male students, except those who live here and those who are able to make more economical arrangements elsewhere, are required to live in the dormitories.

ROOM FURNISHINGS.

Students will furnish Toilet Articles, Bed Clothing and Pillow. Board will be \$12.00 per month of four weeks, payable in advance. This will include electric lights and heat.

It is recommended that cadets express or ship all articles needed in rooms, such as cover, pillow, etc., at least one week before they expect to arrive in Dahlonga. These articles should be directed to the Superintendent of Barracks, Dahlonga, Ga. (via Gainesville).

When this course is followed out the cadet will find the articles placed in his room on arrival, thus obviating the inconvenience due to delays occasioned by not receiving trunks promptly.

The general control of the dormitories is vested in the President and Faculty, who will make and enforce such rules as may appear necessary to secure the best results.

EXPENSE.

| | |
|---------------------------------|---------|
| Breakage Deposit | \$ 2.50 |
| Incidental Fee (per year) | 10.00 |
| Books and Stationery (per year) | 15.00 |
| Washing, about (per year) | 10.00 |

| | |
|--|--------|
| Library Fee (per year) ----- | 2.00 |
| Dormitory Board, about (per year) ----- | 112.00 |
| Typewriting Fee (per year) ----- | 6.00 |
| Chemistry Fee (per year) ----- | 4.00 |
| Blue cap, blue blouse, gray trousers and black shoes ----- | 18.75 |
| Two pairs white duck trousers ----- | 2.50 |
| Service cap, blouse, trousers, and tan shoes ----- | 18.25 |
| One pair leggings ----- | .65 |
| White belt, and half dozen pairs of white gloves. ----- | 1.75 |
| One-half dozen standing collars ----- | .75 |
| Olive drab shirts ----- | 1.50 |
| Biological Fee (per year) ----- | 2.00 |
| Quantity Chemistry Fee (per year) ----- | 6.00 |
| Soil Physics Fee (per year) ----- | 2.00 |

Students entering College January 2d, the beginning of the Spring Term, are required to pay only a proportional part of the above mentioned expenses.

It is expected that the War Department will furnish free service uniforms for all of our students beginning September 1st, 1917, as well as commutation of subsistence to Juniors and Seniors.

When no damage to College property is charged against a cadet, the breakage fees will be returned at the end of the school year.

Annual expenses are made as economical as possible, and will run from \$150.00 to \$175.00. When students bring their supplies from home, expenses can be reduced to an amount not exceeding \$80.00

The expenses of the first month of the term include nearly all but the monthly board and washing, and amount to nearly \$60.00. In order that a student shall start promptly and efficiently in his class, provision should be made for this.

A student bringing the appointment by his county school commissioner, representative, or senator, will be allowed a credit of \$2.50 on his incidental fee, for the term for which

he is appointed, thus making matriculation fee \$2.50 per term. This certificate must be presented on entering college.

The estimate does not include traveling expenses to and from College. Stage fare from Gainesville to Dahlonga is \$1.50 for each person and 50 cents for each trunk. Pocket-money depends on individual wishes, but should be moderate.

The special fees are charged only those who take a particular subject and are intended to cover merely the cost of material.

Some expenses that can not be foreseen will necessarily occur, but parents and students can feel assured that so far as the College is concerned, everything will be managed on the most economical basis.

THE CHARLES McDONALD BROWN FUND.

From the Charles McDonald Brown Scholarship Fund the institution receives \$1,170.00 annually. This is to aid worthy young men who are unable to pay their way through college. The applicant must be at least eighteen years of age, in good health, and must reside in one of the following counties: Rabun, Habersham, Towns, Union, Fannin, Dawson, Murray, White, Lumpkin, Gilmer, Pickens, Cherokee and Forsyth in Georgia, and Oconee, Anderson, and Pickens, in South Carolina.

This sum will be divided into sixteen equal parts allowing one part to each county. It is the purpose of the bequest to aid one young man from each of the counties above named. All applications must be sent to the Chairman of the Brown Fund Committee on or before September 1st of each collegiate year.

CHURCH OPPORTUNITIES.

We have three churches in Dahlonga — Presbyterian, Baptist, and Methodist. Students are required to attend service on Sunday morning. In addition, service according to the order of the Protestant Episcopal Church will be held twice a month and students will be prepared for confirmation at the college.

CHORAL CLASS.

Besides the fine opportunity for a musical education given in the College Band, there is a Choral Class, consisting of ladies from the town of Dahlonga and college students, where the latter may obtain a thorough vocal training. Artistic breathing, production of the voice, flexibility, reading and phrasing are taught, and classical cantatas and choruses from oratorios are performed.

Singing is the noblest pleasure and the healthiest exercise, offers an introduction into many social circles and may secure to the industrious and talented pupil paying employment in city churches. The fee is fifty cents per month.

There will also be a Glee Club for the amusement and social pleasure of the students. No charge of membership.

Both organizations are conducted by Prof. F. Ruge.

CONCERNING LEAVES OF ABSENCE.

Except in cases of sickness or imperative, providential necessity, no leaves of absence will hereafter be granted. A student cannot afford to be absent a single day from the course here. His absence will result in a loss that he cannot make up. A week end at home will often demoralize a boy to such an extent that it takes him a month to recover from it. Parents are earnestly requested to co-operate with us in this matter. Do not ask that your boy be allowed to come home at any time unless it be imperatively necessary.

MISCELLANEOUS.

All undergraduate students will be required to be in the Military Department and may be required to room in the barracks and board at the cadet mess hall unless, as residents, permitted by the President to live at home. Applicants unwilling to accept the above conditions will not be received.

All students immediately upon arrival must report to the



BATTALION PARADE



BATTALION PASSING IN REVIEW

Superintendent of Barracks for instruction and assignment to quarters.

No student will be matriculated until the college fees have been paid. No individual who does not expect to matriculate will be allowed to remain on the grounds. He must either matriculate or move off the campus.

Each student on entering must make a breakage deposit of \$15.00 to cover possible damage to arms, clothing, or equipment. This deposit, less damage, is to be returned to the student on leaving the college.

When a student matriculates it is with the understanding that he is to finish the term's work unless for unforeseen reasons his withdrawal becomes necessary. This agreement is in the form of an implied contract between the student and the institution. The offer of a good position or kindred reasons will not be regarded as sufficient cause for withdrawal.

A cadet is available for duty and subject to regulations and orders immediately upon arrival on the Campus.

The discipline of the College is under the immediate direction of the Commandant of Cadets. Serious offenses against good order are passed upon by the entire faculty.

The Fall Term begins always on the first Wednesday in September, and the Spring Term ends the first Wednesday in June.

During the last session we had students from about seventy counties in Georgia. Almost without exception students who spend a year here are greatly improved in health. We have "plain living and high thinking" in the mountains. We encourage athletic sports, but do not allow them to conflict with the students' academic work. The average gain in weight for the past year is about 20 pounds.

The average age of a male student is over eighteen years, and a large majority are young men defraying their own expenses. This is not the school for idleness and frivolity, for fun and dissipation; but manly sports, innocent pleasures, regular physical training for all, hard study and excellence in character are the requisites for all who remain here.

ATHLETICS.

We provide for a reasonable amount of athletics for our students. We have tennis, basket ball, baseball, and football. We endeavor to conduct all of our field sports so as not to allow them to interfere with the academic work of our students. A proper amount of outdoor exercise is wholesome and profitable. The great danger is, that young people may become so absorbed in athletic sports that they will neglect their regular college work. Therefore, if a student fails to make his passes here, he is excluded from all the teams until he makes good in his classes. On the 1st of April of each year, we have a general field day, devoted to contests in all manner of field sports. We are gradually enlarging and improving our equipments for all proper physical development in our students.

ADMISSION REQUIREMENTS.

A fourteen units entrance requirement is now in force at the North Georgia Agricultural College. By a UNIT is meant one approved high school subject that has been pursued for **one year** of not less than **thirty-six weeks** with not less than **four recitation** periods per week each of which is not less than **forty-five minutes**.

Students are admitted into the Freshman class by a satisfactory examination on the subjects enumerated in the College Entrance Requirements or by the presentation of a properly filled out certificate from "an accredited high school" as enumerated by the University of Georgia.

In view of the dormitory system of boarding and the military system of discipline **no student under fifteen years old will be admitted** except such as are put under care of parent or guardian residing near the College.

COLLEGE ENTRANCE REQUIREMENTS.

Minimum Requirements in English, 1915-19.

Reading and Practice.—One and one-half units, including study of Rhetoric.

Preparation for this part of the work should include the student's ability of writing two or three paragraphs on each of several topics to be selected from a considerable number of books. The power to write good English will always be regarded to show the student's power of clear and accurate expression, and calls for only a general knowledge of the substance of the books. It is important that the student shall have a thorough knowledge of the fundamental principles of elementary rhetoric.

BOOKS FOR STUDY.

One book should be selected from each of the four groups:

Group I.—Drama.

Shakespeare: Julius Caesar; Macbeth; Hamlet.

Group II.—Poetry.

Milton: L'allegro; II Penseroso, and either Comus, or Lycidas.

Tennyson: The Coming of Arthur; The Passing of Arthur, and the Holy Grail. Selections from **Wordsworth**, **Shelley** and **Keats**, in book IV of Palgrave's Golden Treasury.

Group III.—Oratory.

Burke: Speech of Conciliation with the American Colonies.

Macaulay: Speech on Copyright. **Lincoln:** Cooper Union Address.

Washington: Farewell Address. **Webster:** Bunker Hill Oration.

Group IV.—Essays.

Carlyle: Essay on Burns, selections from Burns' Poems.

Macaulay: Life of Johnson. **Emerson:** Essay on Manners.

BOOKS FOR READING.

At least two books are to be selected from each of the five groups except as otherwise provided for under Group I.

Group I.—Classics in Translation.

The Old Testament: Comprising at least the chief narrative episode in **Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel:** The *Odyssey* translated by George Herbert Palmer with the omission of desired parts of books I, II, III, IV, V, XV, XVI, XVII. **Homer:** The *Iliad* translated by William Cullen Bryant with the omission of the desired parts of books XI, XIII, XIV, XV, XVII, XXI. **Virgil:** The *Aeneid* translated by Theodore C. Williams.

Note: For any selection from Group I, a selection from any other group may be substituted. The *Odyssey*, *Iliad* and *Aeneid* should be read in English translations of recognized literary merit.

Group II.—Shakespeare.

A Midsummer Night's Dream. The Merchant of Venice. As You Like It. Twelfth Night. The Tempest. Romeo and Juliet. King John, Richard the Second, Richard the Third. Henry the Fifth, Coriolanus. Julius Caesar. Macbeth. Hamlet.**

*If not selected for study.

Group III.—Prose Fiction.

Malory: *Morte d'Arthur.* **Bunyan:** *Pilgrim's Progress*, part I. **Swift:** *Gulliver's Voyages to Lilliput and to Brobdingnag.* **Defoe:** *Robinson Crusoe*, part I. **Goldsmith:** *Vicar of Wakefield.* **Scott:** *Ivanhoe or Quentin Durward.* **Jane Austin:** Any one novel. **Maria Edgeworth:** *Castle Rackrent, or the Absentee.* **Frances Burney (Madam d'Arblay):** *Evelina.* **Dickens:** *A Tale of Two Cities.* **Thackeray:** *Henry Esmond.* **George Eliot:** *Silas Marner.*



CALISTHENIC EXERCISES, COMPANY "B"



CALISTHENIC EXERCISES, COMPANY "A"

Mrs. Gaskell: Cranford. **Kingsley:** Westward Ho! or Hereward the Wake. **Reade:** The Cloister and the Hearth. **Blackmore:** Lorna Doone. **Hughes:** Tom Brown's School Days. **Stevenson:** Any one novel. **Cooper:** The Spy, or The Last of the Mohicans. **Poe:** Selected Tales. **Hawthorne:** Any one novel.

GROUP IV—ESSAYS AND BIOGRAPHY.

Addison and Steele: The Sir Roger de Coverly Papers or Selections from The Tattler and the Spectator. **Boswell:** Selections from The Life of Johnson. **Franklin:** Autobiography. **Irving:** Selections from The Sketch Book, or The Life of Goldsmith. **Southey:** Life of Nelson. **Lamb:** Selections from the Essays of Elia. **Lockhart:** Selection from the Life of Scott. **Thackeray:** Lectures on Swift, Addison and Steele in the English Humorists. **Macaulay:** Lord Clive, Warren Hastings, Milton, Addison, or Goldsmith. **Trevelyan:** Selections from the Life of Macaulay. **Ruskin:** Sesame and Lilies. **Dana:** Two Years Before the Mast. **Lincoln:** Selections. **Parkman:** The Oregon Trail. **Thoreau:** Walden. **Lowell:** Selected Essays. **Holmes:** The Autocrat of the Breakfast Table. **Stevenson:** Inland Voyage and Travels with a Donkey. **Huxley:** Autobiography and Selections from Lay Sermons. A collection of essays by **Bacon**, **De Quincey**, **Emerson**, **Hazlitt** and other writers.

GROUP V—POETRY.

Palgrave's Golden Treasury, Books II and III, with special attention to **Dryden**, **Gray**, **Cowper**, **Burns** and **Collins**. Book IV, with special attention to **Wordsworth**, **Keats** and **Shelley** (if not chosen for study). **Goldsmith:** The Traveler and The Deserted Village. **Pope:** The Rape of the Lock, A Collection of English and Scottish Ballads as Robin Hood, The Battle of Otterburn, King Estmere, Young Beichan, Bewick, Grahame, Sir Patrick Spens. **Coleridge:** The Ancient Mariner, Christobel and Kubla Kahn. **Byron:** Childe

Harold—Canto III, or *The Childe Harold*, Canto IV, and *The Prisoner of Chillon*. **Scott:** *The Lady of the Lake*, or *Marmion*. **Macaulay:** *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*. **Tennyson:** *The Princess*, *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*. **Browning:** *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incidents of the French Camp*, *Hervey Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, “*De Gustibus*,” *The Pied Piper*, *Instans Tyrannus*. **Arnold:** *Sohrab and Rustum* and *The Forsaken Merman*. Selections from American poetry with special attention to **Poe**, **Lowell**, **Longfellow** and **Whittier**.

MATHEMATICS.

a. Algebra.

(1) To quadratics—one unit.

The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions including complex fractions, ratio and proportion; linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including fractional and negative powers.

(2) Quadratic equation, binomial theorem, and progressions. One-half unit.

Simple cases of equations with one or more unknown quantities that can be solved by the method of linear or quadratic equations.

Problems depending upon quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the 4th term and the sum of the terms for arithmetic and geometric progressions, with applications.

b. Plane Geometry.—One unit.

The usual theorems and constructions of good text-books, including general properties of plane rectilinear figures; the circle and the measurements of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Application to the mensuration of the line and plane surfaces.

c. Solid Geometry.—One-half unit.

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders and cones; the sphere and the spherical triangle.

The solution of numerous and original exercises, including loci problems.

Application to the mensuration of surface and solids.

LATIN.

Grammar and Composition.—One unit.

Latin Lessons—Smith (Allyn and Bacon).

(1) The inflections; the simple rules for composition and derivation of words; syntax of cases and verbs; structure of sentences in general with particular regard to relative and conditional sentences, indirect discourse and the subjunctive mode. Translation into easy Latin of detached sentences and very easy continuous prose based upon Caesar and Cicero.

(2) **Caesar.**—One unit.

Walker's Caesar, (Scott, Foreman Co.).

Any four books of the Gallic War. Latin Prose Composition (Bennett).

(3) **Cicero.**—One unit.

Tunstall's Cicero, (D. C. Heath & Co.).

Any six orations from the following list of equivalents:

the four orations against Catiline, Archias, the Manilian Law, Marcellus, Rocius, Milo, Sestius, Ligarius, the fourteenth Phillipic. Latin Prose Composition (Bennett).

HISTORY.

Preparation in history will be given credit upon the basis of time devoted to the study of each branch, rather than on the amount of ground covered. The training in history should require comparison and the use of judging on the pupil's part, rather than the use of memory. The use of good text-books, collateral reading, practice in writing, accurate geographical knowledge are essential. The accepted groups are ancient history up to 800 A. D., medieval and modern English, American and civics.

Two units required.

MODERN LANGUAGES.

French.—Two units may be offered, or

German.—Two units may be offered.

Spanish.—Two units.

SCIENCE.

a. **Physiography.**—One unit.

The preparation in physiography should include the study of at least one of the modern text-books, together with an approved laboratory and field course of at least forty exercises actually performed by the student.

b. **Physics**—One unit.

The preparation in physics should include individual laboratory work, comprising of at least forty exercises selected from a list of sixty or more; instruction, class-room demonstrations and lectures, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations; the study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary physics.



STAFF OFFICERS



COLLEGE BAND

c. Biology.—One unit.

This course includes the following. Animal Biology, Human Biology, and Plant Biology.

The preparation for Animal Biology will include a short course in general natural history; general classification of animals and their chief characteristics, a comparison of general life-processes in animals and plants.

The preparation for Human Biology should include the nature foods and their history in the body; the essential facts in digestion, absorption, circulation, secretion, excretion and respiration; the nervous system; the structures of the various organs and their operation; a note-book in which are kept carefully outlined drawings of the chief structures studied anatomically, together with the explanations of the drawings are essential.

The preparation in Plant Biology should include preliminary experiments; seed germination; forms, functions, and structures of leaves, flowers, their parts and forms, fertilization and pollination; fruits and seeds. Practical experiments and illustrations should be given in the laboratory and in the field, results tabulated in note-book with sketches when practical.

The following subjects will also be credited when properly taught with laboratory and field practice when practicable:

d. Botany.—One unit.

e. Chemistry.—One unit.

f. Zoology.—One unit.

g. Physiology.—One unit.

h. Domestic Science.—One unit.

DRAWING.

One unit. A full year's work in drawing should include simple geometrical plane and solid figures, the simple pieces of machinery, with a fair knowledge of the rules of perspective, and light and shade as applied in freehand sketch-

ing. The student should complete at least twenty drawings which display proficiency in the following points:

a.—Ability to sketch freehand from dictation with reasonable accuracy and with fairly correct, steady, and clean lines, any simple geometrical figure or combination of figures, straight lines, squares and circles, polygons, spirals, and the like.

b.—Ability to sketch objects with reasonable correctness and proportion, structure and form, geometrical models, simple vases, simple details of machinery or common objects such as ordinary household furniture and utensils.

c.—Ability to sketch from copy, enlarging or reducing its dimensions any simple object, such as a globe valve, top, or any ordinary historical ornaments as an acanthus leaf, iron scroll work.

DEPARTMENT OF PHYSICS, CHEMISTRY AND GEOLOGY.

B. P. Gaillard, Professor.

The work in these branches of Science looks to the broadening of the student's view of life, the development in him of the scientific spirit and making him familiar with scientific methods of thinking and working.

1. General Inorganic Chemistry (required of E.M., B.S., B. Ag.)

Freshman Class.—Fall term, non-metals. Spring term, metals. Five periods class room, five periods laboratory.

2. (a) Qualitative Analysis (required of B. S., B. Ag., E. M.)

Sophomore Class.—Fall term. Nine periods laboratory, one period class.

2. (b) Organic Chemistry (required of B.S. and B.Ag)

Sophomore Class.—Spring term. Three periods class room, two periods laboratory.



300 YARDS FIRING POINT



200 YARDS FIRING POINT

3. Physics (required of B.Ag., B.S., E.M.).

Junior Class.—Fall term. Matter and properties, dynamics of liquids and gases; sound.

Spring term. Heat, light, electricity. Three periods class room, two periods laboratory.

4. Quantitative Analysis (required of B.S., E.M., B.Ag.).

Junior Class.—Fall term. Gravimetric analysis.

Spring Term. Volumetric analysis and miscellaneous work. Nine periods laboratory, 1 period class room.

5. Geology (required of B.S.).

Senior Class.—Fall term. Three periods class room, two periods laboratory.

DEPARTMENT OF MATHEMATICS.

J. C. Barnes, Professor.

1. Higher Algebra.—A general Review of the fundamental principles of Algebra; Quadratic, Simultaneous and Radical Equations; Ratio, Proportion and Series, with practical application. The Binominal Theorem, Logarithm, and their application to Higher Mathematics.

Text: Hawkes-Luby-Teuton's "Complete College Algebra."

Fall Term. Five hours per week for the term.

2. Solid Geometry.—Weekly tests are given, with a view of insuring a thorough review of Plane Geometry. The practical application of both Solid and Plane Geometry are stressed.

Text: Wentworth & Smith, "Solid Geometry."

Freshman Class.—Spring term. Five hours per week.

3. Plane and Spherical Trigonometry.—The work in Trigonometry will include a thorough study of and drill in the

principles of Plane and Spherical Trigonometry. Graphic solutions stressed.

Text:—Granville's "Plane and Spherical Trigonometry." Taylor's "Logarithmic and Trigonometric Tables."

Sophomore Class.—Fall term. Five hours per week.

4a. **Analytical Geometry.**—Co-ordinates, Straight Line, Circle, Parabola, Ellipse, Hyperbola and General Equations of the Second Degree. Graphic application stressed.

Text: To be selected.

Sophomore Class.—First half of spring term. Four hours per week.

5. **The Teaching of Mathematics.**—This course is designed for those who expect to become teachers of mathematics in the high schools of the state. A short history of mathematics. Arrangement of course of study. Distribution of work, and the interrelation of Arithmetic, Algebra, and Geometry in the high school curriculum. A study of methods in the presentation of these subjects. Illustrative work selected from representative high school texts.

Sophomore Class.—One hour per week, entire year.

6. **Plane Surveying.**—This course is intended to give the student a fair working knowledge of surveying instruments and their use. The entire course will be given from mimeographed notes, and will conform as far as possible to methods as used in good field work and offices.

Sophomore Class.—Last half of spring term. Five hours per week and Mondays.

7. **Calculus.**—Differential and Integral, with geometric and Analytical Applications.

Text: To be selected.

Junior Class.—Five hours per week for the term.

8. **Astronomy.**

Text: Young's "Manual of Astronomy."

Senior Class.—Five hours per week, with one evening each week for observations in the field.

9. Mechanics.—Composition of Forces; Center of gravity; Stability; Elementary Machines, Kinetics, Horse Power; Mechanics of Gases and Liquids, with an application of these principles to machines.

Text: To be selected.

Senior Class.—Five hours per week. Spring term.

DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE.

George W. Camp, Professor.

W. L. Ash, Associate Professor.

1. Composition and Rhetoric.—Detailed study and practice in the essential forms of composition. Parallel study of illustrative classical literature. Frequent short themes. Longer theme work at regular intervals. Class debates, written reports, and story telling. Theoretical and practical work in versification.

Freshman Class.—Fall term. Four hours per week.

2. Logic and Shakespeare.—During the spring term students of Freshman class will be allowed an option between Logic and an inductive study of Shakespeare's plays. For the course in Logic, see Logic under Education. The work in Shakespeare will follow Moulton's "Shakespeare, A Dramatic Artist." During this term the whole class will be required to give one hour a week to the review of English Grammar.

Freshman Class.—Spring term. Four hours per week.

3. English Literature.—An historical survey of English Literature. A detailed study of the more important periods, including on the one hand an analysis of the philosophy underlying literature and on the other an analysis of the lit-

erature itself. Frequent short themes will be required. These will be based on literature studied. An occasional author of superior merit will be studied extensively.

Sophomore Class.—Entire year. Four hours per week.

4. **The Drama.**—A detailed study of principles underlying dramatic structure including theory and principles as applied to the theater, actor, and audience. This will be followed by a detailed study of illustrative dramatic literature selected from Greek, Roman, Spanish, and French literatures. Pre— and Post—Shakespearean dramas will be studied. Modern social dramas will receive careful attention. Dramatic composition work will be required.

Junior Class.—Entire year. Three hours per week.

5. **Literary Criticism.**—A careful study of critical literature selected from Aristotle down. Wordsworth, Coleridge, Shelley, Hazlitt, and Arnold will receive careful attention. This line of study will be used for a basis on which to form a personal critical theory which the student is supposed to apply to selected authors. These will be studied in detail.

Senior Class.—Entire year. Two hours per week.

6. **The Teaching of English.**—This course is intended for those who will become teachers of English in High Schools. It will deal with such topics as: Aims of Teaching English; Organization of High School work in English; the Preparation of the Teacher; Methods of Teaching Composition and Literature; the Place and Use of the Textbook; Correlation of Composition and Literature; a rapid review of Grammar, Rhetoric, and a detailed study of some masterpieces of literature used as models.

Junior and Senior Classes.—Optional. Two hours per week, entire year.

DEPARTMENT OF PHILOSOPHY AND EDUCATION.

George W. Camp, Professor.

These courses are designed to meet the needs of educated, efficient social beings in the daily affairs of life; to meet

the advanced requirements of this and other states for teachers. This ought to be significant when it is shown by analysis that a larger per cent of the graduates of the college teach than enter any other profession.

1. **Psychology.**—The purpose of this course is to give the student a general knowledge of the facts and operations of the human mind. An attempt will be made to enable the student to grasp its general laws and apply them in practice. The spring term will be occupied in applying these laws to Education.

Freshman Class.—Entire year. Three hours per week.

2. **Logic.**—A short historical analysis of the laws of thought. The laws of deductive and inductive logic will be analyzed, illustrated and applied. The subject will be approached both from the standpoint of rhetoric and psychology. (See course 2 under English).

Freshman Class.—Spring term. Three hours per week.

3. **History and Principles of Education.**—An historical survey of educational development from the earliest times to the present. Educational theories will be analyzed in the light of subsequent development. From these an attempt will be made to develop theories that may have a practical application in modern education. As far as practical these will be tested and applied. Special stress will be placed upon the study of the educational significance of Rousseau, Pestalozzi, Froebel, Herbart, Spencer, and Horace Mann.

Sophomore Class.—Three hours per week, entire year.

4. **Secondary Education.**—Designed especially to meet the needs of high school teachers and principals. The following topics will be suggestive of the line of study: The place and function of the American high school; its place in the social development of our country; the evolution and character of the courses of study; valuation of different studies; departmental plan; material equipment of the high school; making out daily programs; the teaching staff; organization and control; supervision.

Junior Class.—Three hours per week, Fall term.

5. **Psychology of High School Subjects**—Psychological problems growing out of handling high school subjects: as mathematics, space, geometry, number and abstraction, language, the English problem, the English course, foreign languages, opposition between the practical arts and language, manual skill, industrial courses, science, the fine arts, history, generalized experience, teaching students to study, and general problems of Secondary Education.

Junior Class.—Three hours per week. Spring term.

6. **Philosophy.**—General history of philosophy from the Greek period down to the present time. The Schools and individual philosophers having the greater significance for the present will receive the greater stress. Stimulation and direction of thought toward ultimate truth.

Senior Class.—Three hours per week. Fall term.

7. **Ethics.**—Historical analysis of the different ethical theories. The student will be led to discover and construct his own ethical code. Problems of conduct will receive careful attention. The course will be closely related to philosophy and will constitute a continuation of that topic.

Senior Class.—Spring term. Three hours per week.

DEPARTMENT OF LATIN.

Elias B. Vickery, Professor.

The following courses of study in the Latin language and literature are offered for students pursuing courses leading to literary degrees.

English derivatives, composition, sight translation, Elementary Latin Prosody, and the lyric metres of Horace are taught and emphasized.

COURSE OF STUDY.

1. **Entrance requirements.** (See general entrance requirements).

(1) **Vergil's Aeneid**, Bennett's (Allyn and Bacon).

Latin Grammar. (Allen & Greenough's) (Ginn & Co.)

Latin Prose Composition, Bennett's. (Allyn & Bacon.)

Freshman Class.—Five hours per week.

(2)a. **Livy**, Westcott's. (Allyn & Bacon.)

(2)b. **Horace**, Bennett and Rolfe's (Allyn & Bacon); Grammar continued (Allen & Greenough's); Private Life of the Romans (Johnston's) (Scott Foresman & Co.); Lewis' Elementary Latin Dictionary (American Book Co).

2c. **The Teaching of Latin.** This course aims to consider really what is worth while for each year of the high school course; To determine how and in what order the subject matter of Latin should be presented; to discuss plan and arrangement of conventional high school Latin texts, as *Beginners' Book*, *Latin Prose Composition*, *Caesar*, *Cicero*, and *Vergil*; to define the relation of Latin to other branches or subjects on the high school curriculum.

Sophomore Class, Nos. 2a and 2b, four hours per week, entire year; 2c one hour per week, entire year.

(3)a. **De Amicitia of Cicero**, Price's (American Book Co.)

(3)b. **Juvenal**, Wright's. (Ginn & Co.) *History of Roman Literature*, Cruttwell's. (Scribner's.)

Juniors.—Three hours per week, entire year.

(4)a. **Agricola and Germania of Tacitus**, Gudeman's. (Allyn & Bacon.)

(4)b. **Phormio of Terence**, Laing's. (Scott, Foresman & Co.)

Seniors.—Two hours per week, entire year.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

W. P. Lunsford, Professor.

4a. American Government and Politics. Careful study of American Government, including a detailed study of the historical origin and growth of our institutions, evolution and establishment of the Constitution, political parties, and party machinery, state, municipal and local government in the United States.

Two hours per week, entire year, required of Freshmen except students in E.M. and B.Agr. courses.

4b. Georgia History. From earliest colonial times to the present, with emphasis on political, social and economic development of the State.

One hour per week, taught in connection with 4a.

5. Development of Modern Europe. This course begins with Louis XIV, and traces his influence on the affairs of Europe, the rise of Russia and Prussia, the struggle between France and England for India, and their contest for supremacy in North America. The French Revolution, the rise of Napoleon, his reforms, and the reconstruction of Europe at the Congress of Vienna will be given special attention.

Beginning with conditions in Europe after 1815, a vital study will be made of the causes and results of the revolutions of 1830, 1848 and 1870; the educational, political and social reforms; the growth of democratic institutions and ideals. Entire year, three hours per week.

Required of A. B., B. S. and B. B. S. students in Sophomore Class.

Text Book: The Development of Modern Europe. (Robinson and Beard.)

6. Political History of the United States. An advanced course, with main stress on the history of our national evolution. Three hours per week.

Text Book: Bassett's Short History of the United States.
Optional for Juniors.

7a. General Economics. An advanced course, devoted to discussion of laws of consumption, production, exchange and distribution of wealth, with special attention to wages, profits, interest, rates, rents and values; careful study of money, credit, transportation and labor unions.

Two hours per week. Optional for Seniors.

Text Book: Ely's Outlines of Economics.

7b. Teaching History. This course aims to develop and present methods of teaching history such as will be of direct and practical value to teachers of high school history. Texts, order of development, lesson plans, parallel work, courses of study will receive attention.

One hour per week. Senior Class.

MODERN LANGUAGES.

Professor F. Ruge.

Spanish.

Junior:

Thorough training in Pronunciation and Elementary Grammar. Short stories by Eschrich and by Becquer.

Senior:

Grammar completed. Cervantes, Lope de Vega, Calderon. Modern novels.

The practice of speaking and writing Spanish continued throughout both courses, as well as lectures on Spanish history, art, life, and on South American matters. (Lectures on art illustrated.)

German.

(Outside of regular schedule.)

Freshmen:

Thorough training in Pronunciation. First half of Grammar. Easy stories. Folksongs.

Sophomores:

First half of Grammar repeated. Second part of Grammar. Texts of medium difficulty. Luther's Bible and Catechism.

Junior:

The whole of the Grammar repeated. German Classics, esp. Schiller.

Senior:

Grammar repeated. Novels, newspaper, scientific reading.

The practice of speaking and writing German continued through all courses, as well as lectures on German history, life and art, the latter illustrated.

French.

Freshmen:

Thorough training in Pronunciation and Elementary Grammar. French tales told by the teacher; French stories read. Folksongs.

Sophomores:

Elementary Grammar repeated. Advanced Grammar. Historical Prose reading. Lectures given in French on the History of France.

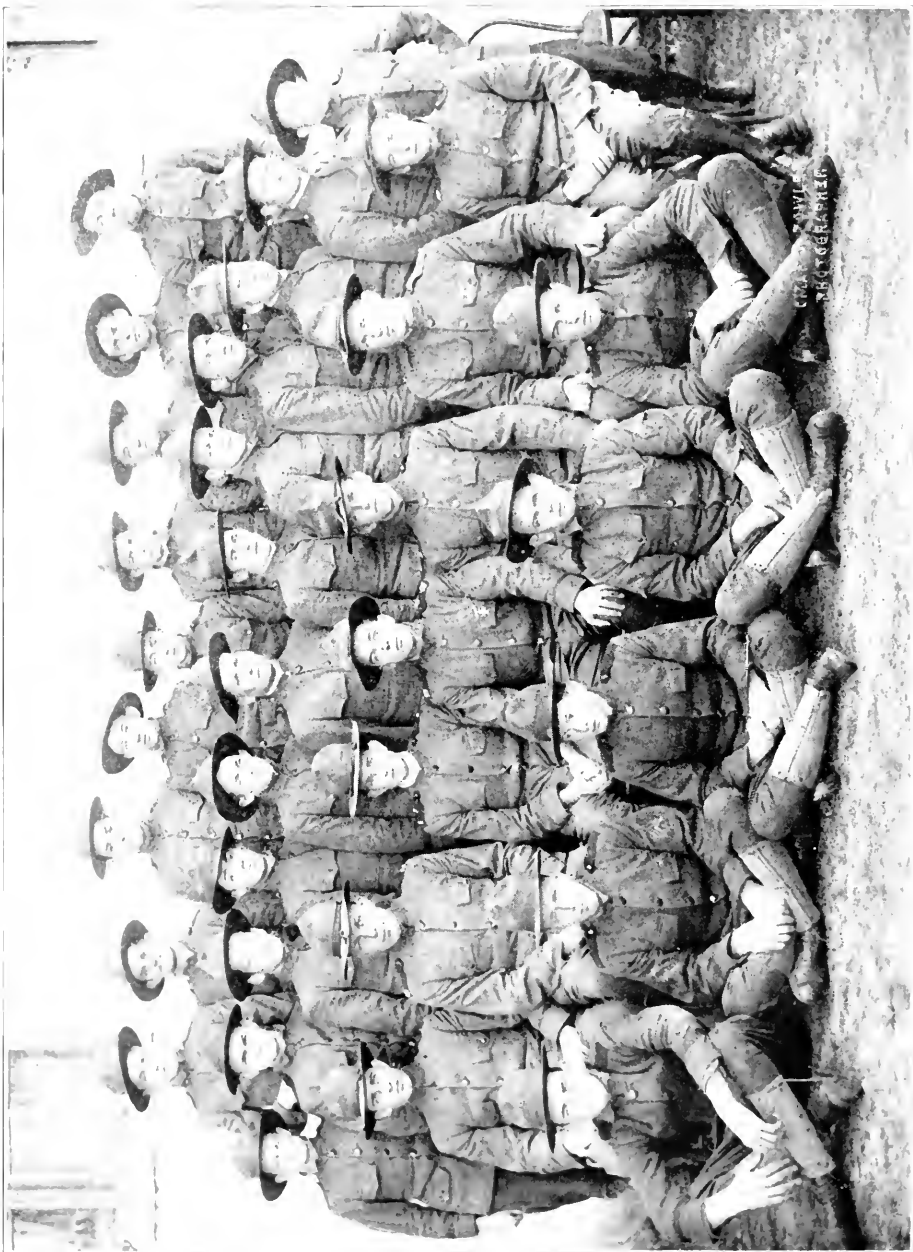
Junior:

The whole of the Grammar repeated. The French Classics, esp. Moliere; their esthetic, historical and social valuation; study of Syntax and style. Lectures on the History of French Literature given in French.

Senior:

Grammar and Syntax repeated. Novel, newspaper, scientific reading. Lectures on French Life given in French.

The practice of speaking and writing French is continued throughout all courses. From time to time illustrated lectures will be given on French Art.



RIFLE CLUB

DEPARTMENT OF ORATORY.

George Anne Peet, Professor.

(Required of students taking the A.B. and B.S. Courses.)

Full credit is given for all of the following courses:

(1) **Principles of Elocution.**—Study and development of the vocal organs and muscles; voice culture; the philosophy of expression; man's triune nature; careful study of quality, force emphasis, articulation and the principles of action. Recitations and platform work.

First Semester. Three hours.

Text: Fulton and Trueblood's "Practical Elocution."

(2) **Continuation of Course 1.**—Study of pitch and time; careful analysis of readings, recitations and personations; technical training in rendition.

Second Semester. Three hours.

(3) **Oratory and Debate.**—For students who have completed courses 1 and 2. Study of ancient and modern orators; construction of speeches; qualities of discourse; eloquence; preparation and delivery of one biographical oration, one extempore topical speech, one declamation, and one critique. Special drill in extempore speaking.

Principles of debate, laws of argumentation and debate, drill in debate and team work, training in statement and rebuttal.

First Semester. Three hours.

Text: William Trufant Foster's "Argumentation and Debate."

(4) **Continuation of Course 3.**—Completion of the study of debate with special emphasis on extempore debating. Analysis and study of the characters, plot and incidents of one of Shakespeare's plays, together with a careful expressional reading of the play, and memoiter rendition of the principal scenes. Plays offered: "Merchant of Venice,"

“Twelfth Night,” “Julius Caesar,” “Hamlet,” “Romeo and Juliet,” “Macbeth,” and “Othello.”

Second Semester. Three hours.

(5) **Practical Public Speaking.**—A course designed to present the essentials of effectiveness in all departments of speaking—business, social and public. It includes a careful consideration of the general ends, the principle of reference to experience, cumulation, the forms of support, and other important phases of the subject. For students who have completed Courses 1 and 2.

First Semester. Two hours.

Text: Phillips “Effective Speaking.”

(6) **Continuation of Course 5.**—The preparation of material for public discourse. Drill in extempore speaking, and in the delivery of various kinds of speeches and addresses. Special attention will be given to the psychology of public speaking, mental imagery, emotions and their expressional control, the fluctuation of attention, suggestion, psychology of the crowd and the audience, and the cultivation of memory.

Second Semester. Two hours.

Text: Scott’s “Psychology of Speaking.”

DOMESTIC SCIENCE.

Mrs. H. S. Newman.

The aim of this work is to give the young woman of this school definite training for their work in life—that of home-making. Three units of cooking, three of sewing, and three of household science are required.

DOMESTIC ART.

Model Sewing.—A series of models will be made illustrating all the plain stitches.

Two periods a week throughout first Semester.

Plain Sewing.—A series of simple garments are made—a cooking apron and cap, and three pieces of underwear.

Two periods a week throughout second Semester.

Second Year Sewing.—A study of patterns and methods of altering. During year students will make a princess slip, tailored shirt waist and skirt and one dress of wash material.

One double period a week each Semester.

Third Year Sewing.—A study of quality, width and cost of materials. Art on dress and cost in relation to income. Articles to be made: One woolen dress, one embroidered shirt waist, one linen dress, one lingerie dress.

One double period a week throughout each Semester.

SCIENCE.

Physiology and Hygiene.—A study of the human body, its structure, composition and needs, and how we may supply the needs.

Three periods a week throughout first Semester.

Household Management.—A study of situation and structure of house-drainage, plumbing, water supply, disposal of waste, lighting, heating and systematic methods of house-keeping.

Three periods a week through second Semester.

Text: "Household Hygiene," by Maria Elliott.

Food Study.—A complete study of typical foods, e. g., eggs, cereals, milk cheese, meat legumes, sugars, starches, green vegetables and fruit.

Three periods a week during first Semester.

Text: Nutrition and Diet—Conley.

Textile—History of clothing and its production. A study of the four important fibers—cotton, flax, wool and silk—and a comparison of wearing qualities and cost.

Three periods a week during first Semester.

Text: "Household Textiles"—Gibbs.

Dietetics.—A study of the fundamental principles of human nutrition and application to the dietaries of individuals and families under varying cost.

Cooking, first year, study of classes of foods and chemical list of each. Study of underlying principles of cookery applying knowledge gained through cookery of simple dishes, breads, meats, cereals, salads, pastries, vegetables and simple desserts.

One Double Period a week throughout year.

Cooking, Second Year.—Canning and preserving of fruits and vegetables. Relation of bacteria to mould and decay. Use of heat, sugar, spices, vinegar, salt drying, smoking in preserve time of meats, vegetables. Series of bread lessons.

Review principles of cooking and plan meals, writing definite cost.

Serving Meals.—Duties of host and hostess.

One double period throughout year.

Third Year.—Review all principles of cookery. More advanced work in preparing meats, fish, breads, cakes, vegetables, desserts and salads. Planning meals, writing definite cost. Two meals served. Study of invalid cookery.

One double period throughout year.

SCHEDULE OF STUDIES LEADING TO A.B., B.S. DEGREES.

Note.—Numbers in parenthesis refer to description of courses; those on the right hand margin indicate the number of hours required per week. Girls may substitute Domestic Science for regular Science in all courses.

A.B. DEGREE.

FRESHMAN CLASS

| | |
|--------------------------------|---|
| English (1) | 4 |
| Mathematics (1) | 5 |
| Latin (1) | 5 |
| French (1) | 5 |
| History (1) | 3 |
| Expression | 3 |
| Psychology (1) and (2) | 3 |

SOPHOMORE CLASS

| | |
|--------------------------------|---|
| English (2) | 4 |
| History (2) | 3 |
| Latin (2) | 5 |
| xMathematics (3) and (4) . . . | 5 |
| French (2) | 5 |
| Expression | 3 |
| Education (3) | 3 |

JUNIOR CLASS

(18 hours per week required.)

Required Studies.

| | |
|-----------------------|---|
| English (3) | 3 |
| Latin (3) | 3 |
| xElective for girls. | |

Optional Studies.

(9 hours required.)

| | |
|-------------------------------|----|
| Mathematics (5) and (6) . . . | 5 |
| Science (3) | 5 |
| *Philosophy (4) and (5) . . . | 2 |
| History (3) | 2 |
| French (3) | 3 |
| Spanish | 3 |
| Science (4) | 10 |
| Expression | 3 |

SENIOR CLASS

(18 hours per week required.)

Required Studies.

| | |
|-----------------------|---|
| English (4) | 2 |
| Latin (4) | 2 |

Optional Studies.

(11 hours required.)

| | |
|-------------------------------|---|
| Mathematics (7) and (8) . . . | 5 |
| Science (5) | 5 |
| *Philosophy (6) and (7) . . . | 3 |
| French (4) | 3 |
| Spanish | 2 |
| History (4) | 3 |
| Expression | 3 |

B.S. DEGREE.

FRESHMAN CLASS

| | |
|---------------------------------|----|
| English (1) | 4 |
| History (1) | 3 |
| Latin (1) or French (1) | 5 |
| Mathematics (1) and (2) | 5 |
| Science (1) | 7½ |
| Expression | 3 |

JUNIOR CLASS

(18 hours per week required.)

Required Studies.

| | |
|----------------------------------|----|
| English (3) | 3 |
| xMathematics (5) and (6) | 5 |
| Science (4) | 5½ |
| Science (3) | 4 |

Optional Studies.

| | |
|---------------------------------|---|
| History (3) | 2 |
| *Philosophy (4) and (5) | 3 |
| Latin (3) | 3 |
| French (3) | 3 |
| Spanish | 3 |
| Expression | 3 |

*Prerequisite, Psychology.

xOptional for girls after Sophomore year.

SOPHOMORE CLASS.

| | |
|---------------------------------|----|
| English (2) | 4 |
| History (2) | 3 |
| Latin (3) or French (2) | 5 |
| Mathematics (3) and (4) | 5 |
| Science (2a) | 5½ |
| Expression | 3 |
| Science (2b) | 4 |

SENIOR CLASS.

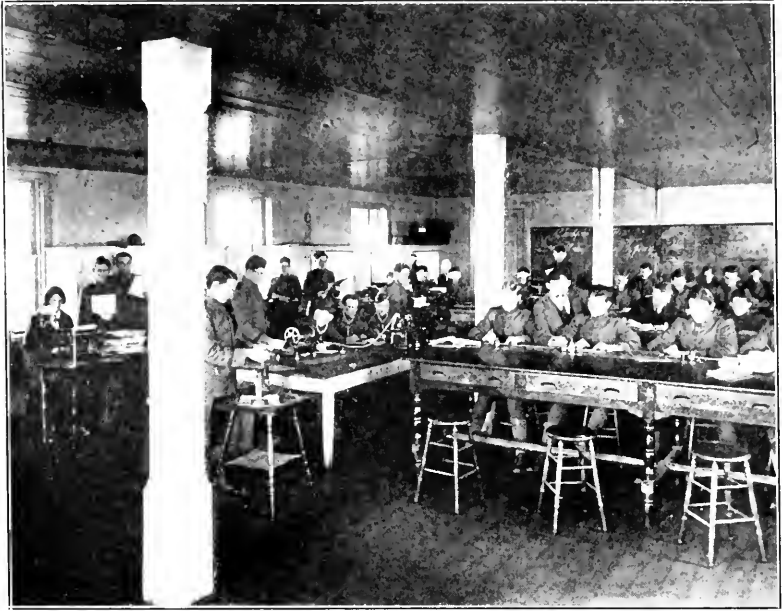
Required Studies.

(18 hours per week required.)

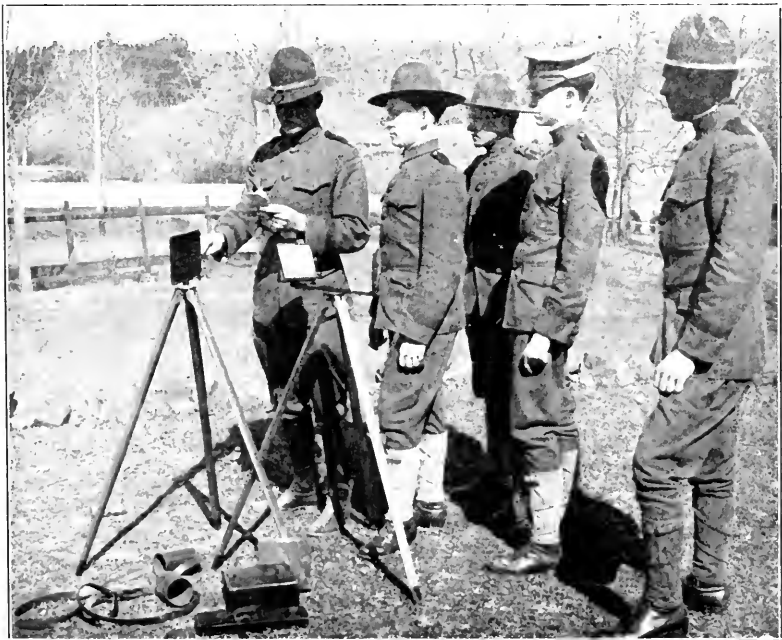
| | |
|----------------------------------|---|
| English (4) | 2 |
| Science (5) | 5 |
| xMathematics (7) and (8) | 5 |

Optional Studies.

| | |
|---------------------------------|---|
| History (4) | 3 |
| *Philosophy (6) and (7) | 3 |
| Latin (4) | 2 |
| Spanish | 3 |
| Expression | 3 |
| French | 3 |



BUSINESS DEPARTMENT



CLASS IN ENGINEERING

DEPARTMENT OF BUSINESS ADMINISTRATION.

Charles B. Wray, Director.

This department was established in order to afford the young men and women of the State and surrounding section a broad and liberal college course, together with technical and professional training for the profession of business in its leading branches. It is the aim to give thorough and scientific instruction in the fundamental principles of business organization and administration, and to present such courses that the student may receive special preparation which is suitable to the requirement of the business career he purposes to enter. A broad foundation is thus laid for intelligently directed activity in commerce and in specialized branches of modern business which now particularly call for professional training, such as reporting, accounting, auditing and banking.

COURSES.

The courses of study are arranged under two divisions:

Accounting. A four-year program leading to the degree of Bachelor of Business Science.

Stenography. A two-year program for which a certificate is granted upon completion of the required work.

ELECTIVE SUBJECTS.

The course has been made very elastic in that a wide range of electives has been provided for. However, all students are strongly advised when registering for the four-year course to select their elective subjects along one line of study and pursue that course throughout.

IRREGULAR STUDENTS.

Students registering for college classes and pursuing no regular program, may select part or all of their subjects from those offered by the department of Business Administration, provided he can schedule the required number of hours.

STUDENTS OF OTHER DEPARTMENTS.

Many students of other departments in college are finding that the courses in elementary bookkeeping, shorthand and typewriting afford an excellent opportunity for them to gain a knowledge of these subjects by taking up one or more in connection with their regular work.

ACCOUNTING.

Accounting 1.—Elementary Bookkeeping. The technique of bookkeeping is developed by the use of illustrations demonstrating the fundamental principles of bookkeeping and the practical application of these principles in the various books of original entry, the meaning of debits and credits and how they affect accounts, the proper classification of accounts, the best method of recording transactions in the sales book, cash book and purchases book, and the correct forms of the Financial, Trading and Profit and Loss Statements.

Accounting 2a.—Advanced Bookkeeping. The principles of partnership bookkeeping, the advantages of special ruling in the cash book, the carbon copy sales book, a popular form of the purchases book and other short-cut methods helpful to the bookkeeper. The student is taught the advantages of special accounts with expense, property purchased for use in the business and the correct classification of these. The method of closing the ledger by journal entries is thoroughly explained and illustrated, and the student is given sufficient practice to enable him to appreciate the advantage of this method.

Accounting 2b.—Advanced Bookkeeping. This is a continuation of Accounting 2a, which will be taken up at the beginning of the fall term by Sophomore class.

Accounting 3.—Corporation Bookkeeping. The student is introduced to the principles of corporation bookkeeping. The special accounts required in corporation set of books, special ruling in all books of original entry, special or con-

trolling accounts, the modern form of the cash journal and the advantages of loose leaf books.

Accounting 4.—Cost Accounting. This is an elementary set involving the principles of Cost Accounting. The scientific accounting as applied to mercantile business is now discussed with regard to a manufacturing business. The three elements of all manufactured products, raw material, labor, and manufacturing expense, and the method by which they are determined, are considered.

Accounting 5.—Banking. The aim of this course is to give each student some knowledge of the banking customs of today. A text-book on practical banking will be used, from which assignments will be made. The theory of banking will be studied in connection with a practical set illustrating the customs in the average bank.

Accounting 6.—Elements of Accounting. The purpose of this course is to give the student a knowledge of the general principles of modern accounting. To obtain the necessary material for a comprehensive study of the subject, the student will work out in detail a series of transactions illustrating the various phases of accounting of single proprietorship, a partnership and a corporation. Instruction will be given by means of lectures, problems and quizzes. The general scope of the course is indicated by the following topics: single entry vs. double entry; methods of obtaining profits; classification of accounts; controlling accounts; reconciling accounts; safeguarding the cash; consignments; income and profit and loss statements; joint venture accounts; loans from partners; equation of accounts; balance sheets; statement of affairs and deficiency account; realization and liquidation account; receiver's cash account; stocks, bonds, dividends, and other accounts peculiar to corporations.

Prerequisite: A knowledge of double entry bookkeeping.

FINANCE.

Business Administration 1.—Money, Banking, and Finance. A careful study of the leading principles of money, needful for a thorough comprehension of the duties of sound and conservative banking. The different kinds of banks, and how each is formed; the various functions of a bank and the duties of its officers; savings banks, clearing houses, loan and trust companies, private banking, bank finance and railway finance.

COMMERCIAL ORGANIZATION.

Business Administration 2.—Corporate Organization. The important features involved in the organization of a corporation; essential legal requirements of incorporation; advantages and disadvantages of incorporation; capitalization, charter, stock, by-laws, organization meetings; location and cost of incorporation.

Business Administration 3.—Commercial Law. An exposition of the fundamental principles of the law of contracts, including parties, subject matter, the essentials of mutual assent, formal requisites, consideration, discharge and consequences due to breach of contract. The history of negotiable paper and the legal principles governing the rights and duties of the various parties to it, will be studied, also the nature and formation of private corporations, their management, including the transfer of stock, the rights and liabilities of promoters, stockholders and directors; the proper method of holding corporate meetings and keeping the records thereof, and the taxes required of an ordinary business corporation.

STENOGRAPHY.

This field offers unlimited opportunities for the student who will really prepare himself for efficient service. The business world is always ready to pay well for efficiency in business. The boy and girl in the business college today is

in too much of a hurry to "get a job," and thus the business college is robbed of its opportunity to supply this demand. The aim of this department is not to see how short the course may be, but how efficient the service it may render.

The course offered is a two-year program, and may be taken in any class. If begun in Freshman year it culminates in the Sophomore year, and students successfully completing the non-technical, as well as the technical work prescribed, receive a "Certificate of Proficiency." The technical work included prepares the student to undertake any ordinary office work in shorthand, and accept well-paid positions of responsibility leading to general office management. The "Certificate" course is especially attractive to students preparing to teach shorthand; as, while it does not equip with a skill sufficient to undertake verbatim shorthand reporting, it completes the study of shorthand from an academic and pedagogical standpoint.

Stenography 1.—Elementary Shorthand. A thorough presentation of the fundamental principles of the Isaac Pitman system of shorthand will be followed by a presentation of phrases, contractions, commercial and legal work.

Stenography 2.—Advanced Shorthand. This is a continuation of Shorthand 1. After a review of the fundamental principles, advanced phrasing is taken up. The work in the spring term consists mostly of dictation and transcription of the student's notes with special assignments.

Stenography 3.—Commercial Correspondence. The aim is to teach how to use words in such a way as to make people act. The principles of literary composition will be applied to commercial correspondence. Business situations will be analyzed, letters classified into type forms, and the requisites of each class will be exemplified by many models. The psychology of advertising and the sales letter will be analyzed, and principles derived from this analysis will be applied to actual practice. The course will be not merely theoretical, but practical.

TYPEWRITING.

Since the most common use of the typewriter by all commercial establishments, the typewriting course has been the most popular of all. Many of the students are winning certificates for speed and accuracy, and a number of them, by the method used, reach a speed of more than seventy words per minute. With this speed shorthand is not necessary in many offices, as dictation may be taken direct on the machine.

The "Touch" method is insisted upon throughout the entire course.

EQUIPMENT.

The department is equipped with modern appliances. All typewriters used are new and are of the visible standard type of machines. A dictaphone is provided for speed practice, both in shorthand and on the typewriter. The mimeograph and letter-press is furnished for duplicating work. The filing equipment consists of the latest improved filing cabinets, and the student is required to familiarize himself with the different methods best suited to special lines of business. The entire course has been planned and equipment purchased with the idea to produce one thing—efficiency.

**DEPARTMENT OF BUSINESS ADMINISTRATION
LEADING TO B. B. S. DEGREE.**

Collegiate Department.

FRESHMAN.

(22½ hours per week required.)

Required Studies.

| | |
|-------------------------------|---|
| Accounting (1) and (2a) ----- | 3 |
| English ----- | 5 |
| History (4a) (4b) ----- | 3 |
| Mathematics (1) and (2) ----- | 5 |

Optional Studies.

| | |
|-----------------------|----|
| Shorthand (1) ----- | 4 |
| Typewriting ----- | 2½ |
| Correspondence ----- | 1 |
| Modern Language ----- | |

SOPHOMORE.

(22 hours required.)

Required Studies.

| | |
|------------------------------------|---|
| Accounting (2a) (3) ----- | 3 |
| English ----- | 4 |
| Mathematics (3), (4) and (6) ----- | 5 |
| History (5) ----- | 3 |

Optional Studies.

| | |
|-----------------------|----|
| Shorthand (2) ----- | 5 |
| Typewriting ----- | 2½ |
| Modern Language ----- | |

JUNIOR.

(18 hours required.)

Required Studies.

| | |
|-----------------------------------|---|
| Accounting (4) and (5) ----- | 3 |
| Business Administration (1) ----- | 3 |
| History (6) ----- | 3 |

Optional Studies.

| | |
|-----------------------|----|
| Modern Language ----- | |
| English ----- | 3 |
| Mathematics (7) ----- | 5 |
| Shorthand ----- | 5 |
| Typewriting ----- | 2½ |

SENIOR.

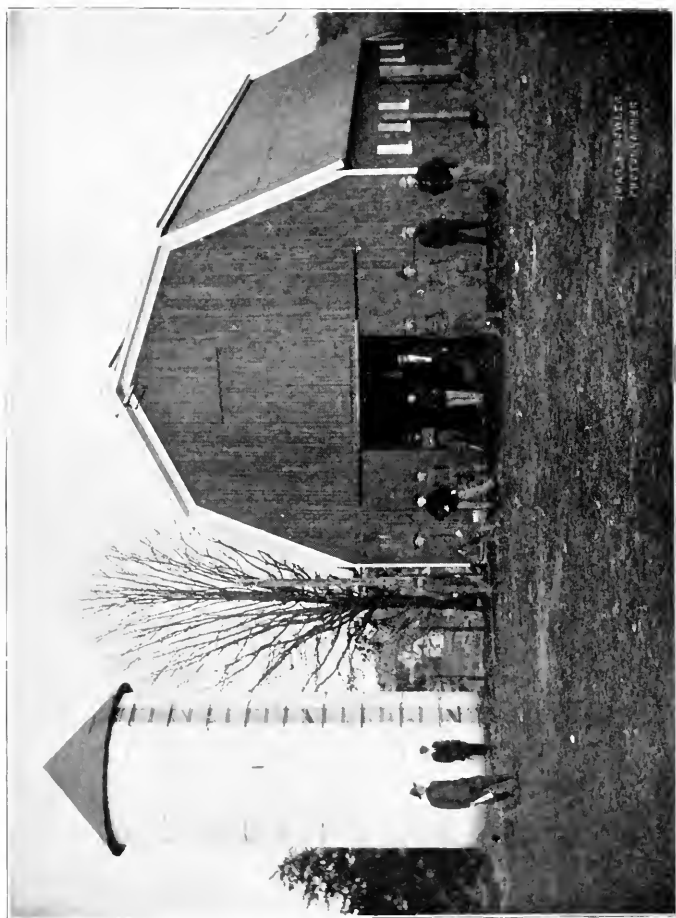
(18 hours required.)

Required Studies.

| | |
|-----------------------------------|---|
| Accounting (6) ----- | 2 |
| Business Administration (2) ----- | 3 |
| Economics (7) ----- | 2 |

Optional Studies.

| | |
|-------------------------------|----|
| English ----- | 2 |
| Mathematics (8) and (9) ----- | 5 |
| Modern Language ----- | |
| Shorthand ----- | 5 |
| Typewriting ----- | 2½ |



IRACK & SONS
PITTSBURGH

NEW BARN AND SILO

DEPARTMENT OF AGRICULTURE.

Wilbe R. Wilson, B.S.Ag., Professor.

AIM AND OBJECT OF THE SCHOOL.

“At the head of all the sciences and arts, at the head of civilization and progress, stands—not militarism, the science that kills, not commerce, the art that accumulates, but AGRICULTURE, the mother of all industry, and the maintainer of human life.”—Garfield. Another great man fittingly said: “Tear down the cities and they rise again as if by magic, but tear down the farms and grass will grow in the streets of every city in Christendom.”

To make young men appreciate more and more the truth of the above statements; to make young men grasp the significance of the great agricultural movement, or awakening of the American people, as well as to train young men to make two blades of grass grow where only one grew formerly and to contribute our share towards supplying trained men that will take their part in this great movement, is the aim that this department is striving to accomplish.

FIELD OF THE SCHOOL.

The Agricultural Department stands for that kind of Education “that fits for life”—the kind that trains head, heart and hand. The head to study and solve the problems that confront the producer as well as the consumer. The heart to appreciate the glorious opportunity of living in contact with nature and attuning our thoughts to the harmonies that she speaks. The hand to do the things that will not only uplift ourselves, but the thousands that toil along with us. The industrial awakening that has swept the country, offers unlimited opportunity for workers along agricultural lines. Then there is that noble pursuit of farming that give op-

portunity to approach independence in the truest sense of the word.

POSSIBILITIES IN AGRICULTURE.

Besides the unlimited opportunities for young men with agricultural training on the farm, there are opportunities of becoming trained investigators in the department of Agriculture, at the various experiment stations, in the colleges of agriculture, in the employ of great development concerns and horticultural undertakings. For those that are not fitted to investigational work there are opportunities for teaching in colleges, secondary agricultural schools, high schools and also instructing farmers themselves. The average salaries received by agriculturists the country over, are more than the salaries received by men trained along many other lines. The development of the various phases of agriculture will tend to uplift the present status of our rural section from every standpoint, and the training of our boys that expect to stay on the farm will and does make the man master of the farm rather than allowing the farm to master the farmer.

EQUIPMENT.

The class rooms and laboratories of the agricultural department are located in the west wing of the new industrial building. The soil physics laboratory is well equipped for the scientific study of soils and new, improved apparatus is being added from time to time. Adjoining the soil physics laboratory is the dairy laboratory equipped with 4 different makes of the latest improved cream separators; and complete apparatus for making the Babcock tests. The dairy herd maintained by the Dormitory is available for the study of the dairy type of animals. The beef herd is available for the study of that class of animals.

The Agricultural Department also has a library and reading room where the student may avail himself of the bulle-

tins of the United States Department of Agriculture, Year Books, the leading agricultural publications, and State College and experiment bulletins from the different states.

THE COLLEGE FARM.

Adjoining the campus is a forty acre farm run in connection with the Agricultural Department, where practical farming and experimental work are carried on. Just across the road from the campus is the new 40-acre addition, which is the pasture for the beef and dairy herds. The agricultural students are in constant, daily touch with the farm work; some of them actually working on the farm and thereby partially defraying their expenses.

DEGREES AND CERTIFICATES.

Two courses are offered by the Agricultural Department.

(a) A four year course, leading to the degree Bachelor of Science in Agriculture.

(b) A two year course is given, in which agricultural subjects are substituted for English and Mathematics in the second year. This course entitles the student to a Certificate in Agriculture.

Instructions are also given to short-course students and to those taking the Normal Course in the Spring.

OUTLINE OF INSTRUCTIONS.

AGRONOMY.

Agronomy 1. This course takes up a study of fertilization of crops and fertilizers in detail. The different fertilizer carriers are studied and the best methods are discussed for the different crops. Practical work in calculating formulas and mixing is given.

This course is required in the Freshman year.

Text: "Voorhees' Fertilizers."

Agronomy 2. This course comprises a study of all the common cereal crops, such as corn, the sorghums and the

small grains as wheat, rye, oats and barley. Field work with as many of these crops as possible will be given. This also includes a special study of the diseases, and treatment for some of these various crops.

This course is required in the Sophomore year.

Text: "Hunt's Cereals in America."

Agronomy 3. This course is a scientific study of the soil formations and the mechanical compositions of soils. It also includes an exhaustive study of the physical problems of the soil, especially such phases as texture, tillage, movements of soils, conservation of soil water, aeration and drainage, and the effect of organic matter on the various soils.

This course is required in the Junior Year.

Text: "Soils" by Lyon and Flippen.

Agronomy 4. This is a practical course in laboratory work, where the student makes practical experiments with soils as to the water holding capacity, mechanical construction, etc., of the various types of soils. The student may use his home soil in this work.

This course requires two (2) hour periods throughout the Junior year.

Text: "Stevenson and Schwaub's Soil Physics Guide."

Agronomy 5. This course consists of a series of lectures on Farm Management. The selection of sites with regard to transportation facilities, and drainage; the economic handling of labor and machinery; the planning of rotations and farm accounts are given special attention.

This course is required in the Junior year.

Text: "Field Management" by Parker.

Agronomy 6. This is an advanced course in the study of soils. The records of experiments conducted in England, France and America for the last seventy-five years are studied. They treat exhaustively of chemical analysis of



VIEWS OF LIVE STOCK OWNED BY DORMITORY

soils, the application of the various plant food elements to these analyzed soils and the crops produced on them.

This course is required in the Senior year.

Text: "Hopkins' Soil Fertility and Permanent Agriculture."

ANIMAL HUSBANDRY.

Every live stock country is a rich country and we might add the anthesis to the above "No country can become rich without the aid of live stock." The "Red old hills of Georgia" cry out for humus and vegetable matter and "blush" because it is not supplied. This will never be supplied until our live stock industry grows in proportion to our other industries, and thousands of cattle graze on our hills and valleys. The advance in the price of land calls for a more economical animal to consume the feed stuffs; hence a better class of live stock. Students study the breeding and improvement of live stock; also the most economical rations for the different classes of live stock. Laboratory work consists of handling and judging live stock.

OUTLINE OF INSTRUCTION.

Animal Husbandry 1. This course comprises a study of the types and breeds of farm animals, and the qualities of each type with regard to southern conditions.

This course is required in the Freshman year.

Text: "Beginnings in Animal Husbandry" by C. S. Plumb.

Animal Husbandry 2. This course comprises a study of the principles of breeding. This includes a study of the physical basis of heredity. Variation, atavism and selection are taken up in detail, and are studied with relation to production. The theories of Darwin, Devries, Mendal and Weisman are studied. A study of the results of breeding by working out pedigrees is given. The methods of successful breeders are given careful study. From all these an-

gles the student is able to get a very broad conception as to the fundamentals of animal improvement.

This course is required in the Junior year.

Text: "Breeding Farm Animals" by F. R. Marshall.

Animal Husbandry 3. This is a study of feeds and feeding. This course is designed to give the student a clear idea of feeding values, of the various needs and proper rations of digestible nutrients. Theoretical and practical work is given in calculating rations for dairy and beef animals.

This course is required in the Junior year.

Text: "Feeds and Feeding" by H. R. Smith.

Animal Husbandry 4. This course comprises advanced work in the history of the different classes of animals and of each breed. Animal nutrition and the results of the respiration calorimeter are studied in detail. The digestive processes are studied very closely in this connection.

This course may be elected in the Junior or Senior years.

Text: "Feeds and Feeding" by Henry, supplemented by "Types and Breeds of Farm Animals."

Animal Husbandry 5. This course is offered to students to emphasize a specialized line of Animal Husbandry that furnishes much of our common food. In no line of this work is there such a great opportunity as in Dairying, but it has become so specialized that it requires trained men to attain the greatest success, in breeding, feeding and managing dairy herds. Instruction is given in milk secretion, nature and composition, comparative profits of the various milk products, etc. The dairy breeds are discussed with special reference to the South.

This course is required in the Sophomore year.

Text: "Dairy Farming" by Michaels.

Animal Husbandry 6. This laboratory work consisting

of making Babcock tests of milk, cream, skim milk and calculating the percentages of loss, etc. Work in separating, ripening and churning cream is given.

This work is required in the Sophomore year in connection with Animal Husbandry 5.

HORTICULTURE.

This course is designed to give the student a thorough knowledge of orchards and orchard management. The great opportunities in almost every section of the state in this line speaks for its popularity. We need more trained Horticulturalists to take care of the immense apple orchards that are being planted in the mountains of North Georgia. Then the study of this subject enables the young man to beautify the home and grounds, and to make farm life more attractive.

OUTLINE OF INSTRUCTION.

Horticulture 1. This course presents the principles that underlie farm practices and is given with special reference to the selection and the location of sites, and methods of planting that are in practice in the best and most up-to-date fruit sections.

Required in the Freshman year.

Text: "Bailey's Principle of Fruit Growing."

Horticulture 2. This subject is taken up and discussed in class room, with reference to the fundamental principles or reasons why we prune; of the effect on young and old trees and careful attention is given to general rules of pruning. Laboratory work in using pruning shears, saws and tree pruners. In connection with the above, sprays and spraying material are studied, with special reference to the different insects and fungus diseases.

Required in Freshman year.

Text: "The pruning Book" by Bailey.

Horticulture 3. Vegetable Gardening is a subject important from the standpoint of those who grow vegetables for home use as well as those who grow them for market. The students study in connection with the lectures the actual practices in the student garden. The fertilization, labor and market problems are each studied with reference to general trucking.

Required in Sophomore year.

Text: "Vegetable Gardening" by S. B. Green.

Horticulture 4. Landscape Gardening consists of a study of the beautifying of homes, parks, cities, etc., from a standpoint of the arrangement of trees, shrubbery, and flowers. Practical work along this line is given on the college campus.

Required of Seniors.

BACTERIOLOGY.

Instruction in this subject is given with special reference to the various microscopic organisms found in air, water, soil, milk and the body, and their relation to such processes as decomposition, fermentation, digestion and production of diseases.

Required in the Senior year.

ENTOMOLOGY.

Instruction in this subject is given with special reference to the life histories of insects, and the time and best methods for destroying those harmful to Agriculture.

VETERINARY SCIENCE.

This course comprises a study of the diagnosis and treatment of the diseases of farm animals.

FARM MECHANICS.

Every operation on the farm that is not performed by nature is mechanical. Whereas, at one time all the farm work was performed by man alone, now a large part of it is performed with the aid of machinery, enabling man to do more work with less personal energy expended and in a good deal less time. It is the aim of this course to train the student in such a way that he may be able to handle a farm in the easiest and most economical way.

Farm Mechanics 1. This course comprises a study of free hand and mechanical drawing. The student is taught to draw free-hand any objects necessary to his work, and to handle drawing instruments that he may be able to execute any plans or drawings necessary.

Required in the Freshman year.

Farm Mechanics 2. This is an advanced course in mechanical drawing. The student is taught to design and make out specifications for farm buildings. He is also instructed in the construction of the buildings.

Farm Mechanics 3. This is laboratory work; instructions being given in the handling and care of wood-working tools. The student is taught the essentials of carpentry and cabinet making.

Farm Mechanics 4. This is laboratory work; instructions being given in the handling and care of forge tools. The student has practical instruction and practice in the working of iron and steel.

Farm Mechanics 5. This is a laboratory course in the uses and results obtained from the use of various farm machines.

Farm Mechanics 6. Agricultural engineering is taught in this course, instructions being given in practical field work. Special attention is given to agricultural surveying, drain-

age, irrigation, roads and road building, farm machinery, farm motors, farm structures and farm sanitation.

Required in the Sophomore year.

Text: "Agricultural Engineering," by Davidson.

FRESHMAN CLASS.

| | Hours per week. |
|------------------------------|-----------------|
| Agronomy (1 and 2) ----- | 5 hrs |
| Animal Husbandry (1) ----- | 3 hrs. |
| Horticulture (1 and 2) ----- | 3 hrs. |
| English (1) ----- | 5 hrs. |
| Mathematics (1 and 2) ----- | 5 hrs. |
| Chemistry (1) ----- | 5 hrs. |
| Farm Mechanics (1) ----- | 2 hrs. |
| Farm Mechanics (3) ----- | 2 hrs. |
| <hr/> | |
| Total ----- | 30 hrs. |

SOPHOMORE CLASS.

| | |
|----------------------------------|---------|
| Animal Husbandry (5 and 6) ----- | 3 hrs. |
| Horticulture (3) ----- | 3 hrs. |
| Farm Mechanics (2) ----- | 2 hrs. |
| Farm Mechanics (5) ----- | 2 hrs. |
| Farm Mechanics (6) ----- | 5 hrs. |
| English (2) ----- | 5 hrs. |
| Mathematics (3 and 4) ----- | 5 hrs. |
| Science (2 and 3) ----- | 5 hrs. |
| <hr/> | |
| Total ----- | 30 hrs. |

JUNIOR CLASS.

| | |
|----------------------------|--------|
| Agronomy (3) ----- | 3 hrs. |
| Agronomy (4) ----- | 2 hrs. |
| Agronomy (6) ----- | 2 hrs. |
| Animal Husbandry (2) ----- | 3 hrs. |
| Animal Husbandry (3) ----- | 3 hrs. |

| | |
|-------------------------|---------|
| Organic Chemistry ----- | 5 hrs. |
| History (4) ----- | 2 hrs. |
| Physics ----- | 5 hrs. |
| Optional ----- | 5 hrs. |
| <hr/> | |
| Total ----- | 30 hrs. |

SENIOR CLASS.

| | |
|-------------------------------|---------|
| Agronomy (7) ----- | 5 hrs. |
| Veterinary Medicine (1) ----- | 3 hrs. |
| Horticulture (4) ----- | 2 hrs. |
| Bacteriology ----- | 3 hrs. |
| Entomology ----- | 2 hrs. |
| Agricultural Chemistry ----- | 5 hrs. |
| Optional ----- | 10 hrs. |
| <hr/> | |
| Total ----- | 30 hrs. |

Note.—Two hour laboratory periods count as one hour.

BOTANY.

This is a course in elementary botany.

Third Preparatory Class. Second term.

ZOOLOGY.

This is a course in elementary zoology.

Third Preparatory Class. Fall term.

DEPARTMENT OF MINING ENGINEERING.

Byron J. Snyder, Director.

R. M. Dickson, Assistant.

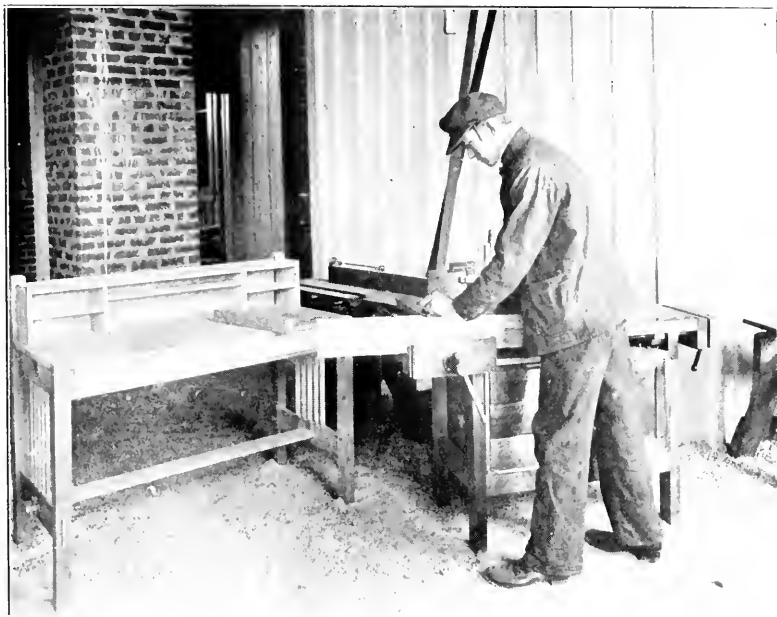
ARTICLE 1—ANNOUNCEMENT.

1. The School of Mines of the North Georgia Agricultural College has been established primarily for the purpose of giving a thorough scientific education, both practical and theoretical, to men studying for the profession of the mining and metallurgical engineer, the assayer, the consulting geologist. The desire is to train men to take more active part in the winning of the mineral wealth of the State and nation.

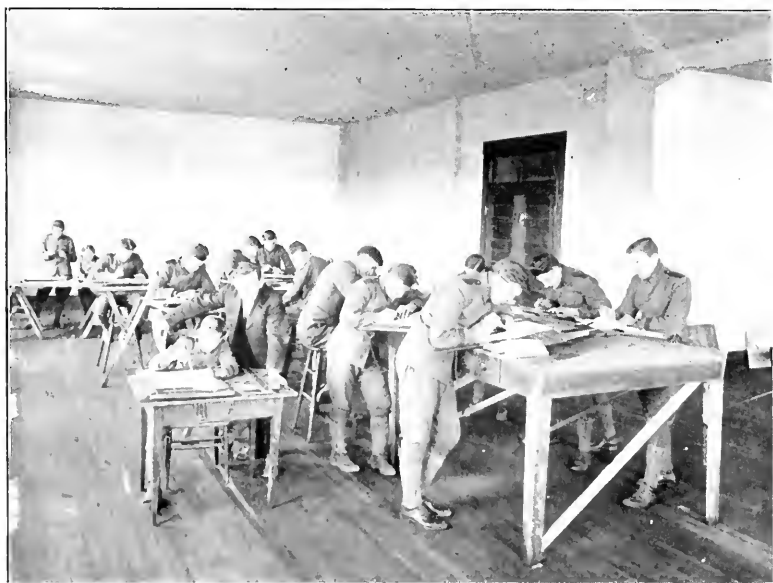
The School of Mines is now housed in adequate quarters in the new Industrial Building, which has been described elsewhere in this catalogue. These new quarters, together with much added equipment, makes it possible to give a very thorough course in Mining, Mineralogy, Assaying Mineralogy, etc.

2. **Situation.**—Dahlonga is most fortunate as the seat of a mining school. It is situated in the heart of the great gold belt. Within a few hundred yards of the school is situated the fifty stamp mill of the Crown Mountain Gold Mining Co., whose works are always accessible to students of the School of Mines. To the east, within walking distance, is the plant of the Consolidated Gold Mining Co., a fine example of an up-to-date one hundred and twenty stamp mill. It has in connection an Edwards roasting furnace of a capacity large enough to handle the concentrates from more than 36 vanners. By courtesy of the management, the students have access to all these plants.

3. **Environment.**—The nearer a School of Mines is to a neighborhood of mining, the nearer such school is to the atmosphere of mining operations, the more potent we find its influence. Nature herself could not have selected a spot



CARPENTRY WORK



MECHANICAL DRAWING

more suitable for a mining school than Dahlonega. Dr. Glenn and the Trustees of the North Georgia Agricultural College have been keenly alert to the existing environment which harmonizes with the work of the mining student, both present and future. The mineral possibilities of the country in and around Dahlonega and especially to the north are very great. Rare opportunities are here offered to the student of mineralogy and geology. Rocks of various geologic age are here extremely well represented and economic deposits of many rare and valuable minerals exist in varied form.

4. Instruction.—The method of instruction includes lecture, text-book, laboratory and recitation work.

The metallurgical laboratory equipment consists of muffle and wind furnaces, jaw and gyratory crushers, samplers, classifiers, gold and silver balances, etc. The course in Assaying and all Metallurgy is especially strong.

5. Minerals.—A collection of hundreds of specimens gathered from home and abroad makes the department of mineralogy extremely interesting.

6. Drawing.—Mechanical Drawing as applied to all the phases of engineering receives our close attention.

ARTICLE II—REQUIREMENTS FOR ADMISSION.

1. The classes in the School of Mining are open to all.

2. Registration.—All students are required to show their entrance tickets and paid-up laboratory fees before they will be registered for work in this course.

3. Admission by Examination.—Students who desire to become candidates for a degree are admitted on examination in the subjects required by college.

4. Admission to Advanced Standing.—Graduates of approved colleges are admitted upon presentation of their diplomas or certificates of graduation.

5. Special Arrangements.—In many cases persons who have been engaged in practical work and desire to better their condition by systematic training and who are not candidates for a degree may be permitted to take special studies. Such men often prove to be among the best students, since they realize clearly the purpose of their work and the value of time.

6. Course.—All students must take the subjects required in their courses in conformity with the calendars of their years of attendance. If a student wishes to change his course he must first obtain permission of the faculty.

7. Degrees.—The School of Mines offers the degree of Engineer of Mines, E. M.

The conditions under which this is given are as follows:

To obtain this degree the student must have been a resident student of this institution for at least one full year prior to graduation.

All students for the above degree of Engineer of Mines are required to have had at least two years' training in both Geology and principles of Mining.

The course is strictly a four years' course.

8. Thesis.—All seniors in the E. M. course carry on special investigations during the spring term, and the results are embodied in a thesis. This work must be of a mining or metallurgical character, and is under the direct supervision of the professor in charge. The submitted thesis must be of typewritten form on nine by eleven inch paper, bound in pamphlet or book form. No Mining student can receive his degree without having handed in an acceptable thesis.

9. Excursions.—Part of the course consists of visiting mines, dredges and metallurgical industries in the vicinity of Dahlenega, where practical information may be had. Short trips of one day's duration are quite frequent, while

at some time during the year a more extensive trip is taken by the upper classmen of this course; usually to a noted mining section of the South. While on these trips the geology of the section is thoroughly investigated. All students of the E. M. course are required to take these excursions. Expenditures of this kind afford the student abundant opportunities for collecting data, materials suitable for memoirs, theses, etc.

ENGLISH.

There is a growing appreciation of the value, in practical affairs, of the ability to use language with ease, clearness, and forcefulness. The importance of English composition as a mental gymnast is being acknowledged as never before, and more and more instructions in technical schools are recognizing the fact that it is an essential part of an engineer's education.

Note.—See Department of English 5 and 6.

MATHEMATICS.

Too much stress cannot be laid upon the study of mathematics for the mining engineering student. It is very essential that a mining engineer be able to cope with the mathematical engineering problems that confront him in the practical world. To do that it is necessary that the student make application of himself thoroughly so that he may become as efficient as possible for the profession that he intends to follow (Mining Engineering). Without mathematics it is impossible to become a success in this line of work.

(See Department of Mathematics.)

MECHANICAL SECTION.

1. Mechanical Drawing.—All efforts during the early part of the work are directed toward making the student thor-

oughly acquainted with, and exercised in, the proper use of his drawing instruments and drafting supplies in general. The work then proceeds with mechanical and free-hand lettering, line shading, tinting, shading with tints and conventional tints for different materials.

This work is now begun in the E. M. course in the Third Preparatory year, being introductory work, required ten times per week.

The instruction in the art of drawing is designed to give prominence to such branches of the subject as are of most value to the practicing engineer. It is required that the instruments used shall be of the best.

CIVIL SECTION.

1. **Surveying.**—Instruction is given in the theory of the adjustment of the transit and level, the principles of land surveying, topographical surveying and railroad work. The theory of the Plane Table and also that of the Aneroid Barometer are given.

Text Books: Johnson's "Theory and Practice of Surveying."

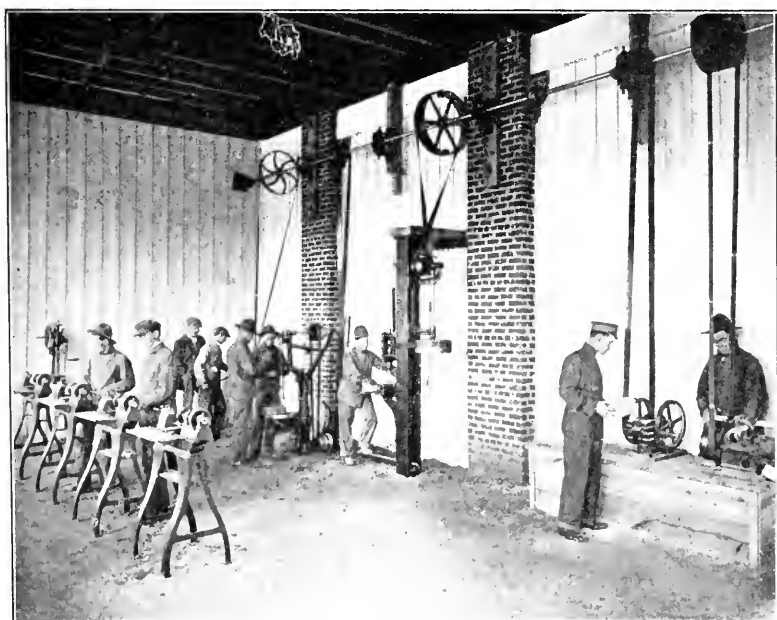
(a) **Field Surveying.**—The course consists in adjusting instruments, traverse surveys, calculation of areas and distances, stadia work. All the problems are plotted in the office and the calculations made in a regular book kept for that purpose.

Sophomore Year. Second term.

(b) **Mine Surveying.**—Under this head will be considered the theory of the determination of the true meridian by means of the various solar attachments and by direct observation of the sun and of a circum polar star; a careful discussion of the principles and methods used in locating and patenting mining claims, and in underground surveying will be given. The lectures delivered on these subjects enter into the detail with which they are connected and touch



WOOD SHOP



MACHINE SHOP

1874

upon the Mining Law relating to surveyors and the patenting of mining property. The remaining time will be devoted to the outlines of the subject of geodetic surveying.

Sophomore year. Second term. Two hours.

2. Theoretical Mechanics.—This course consists of the theoretical study of mechanics and materials. Statistics of a material point and of rigid bodies; centers of gravity; chains and cables; moments of inertia of plane figures, stresses and strains, tension, shearing, compression torsion, flexure, combined torsion and flexure, elastic curves, safe loads, applications to commercial forms, oblique forces, columns, continuous beams. Dynamics of material point, Impact, Virtual, Velocities, Centrifugal and Centripetal Forces, Moments of Inertia of Soils, Pendulums, Dynamics of Rigid Bodies, Work, Power, Energy, Fly-Wheels, Friction Dynamometers, Belts.

Junior Year. Second term. Four hours per week, lectures and recitations.

Text Book: Church's "Mechanics of Engineering with Notes and Examples."

3. Mechanical of Materials.—Theory of stress, strain and elasticity and its application to the design of members of machines and structures; a discussion of the properties of the materials of engineering construction.

Junior Year. Second term. Three times per week.

4. Hydraulics and Hydraulic Motors.—This course is given partly by lectures, and partly by recitations; it embraces hydrostatics. The flow throughout orifices, through pipes, flumes, ditches and conduits of various forms. It also includes an elementary study of the various types of hydraulic machinery.

Senior Year. First term. Five times per week.

Text Books: Church's "Mechanics of Engineering" and "Hydraulic Motors."

METALLURGY.

The work in this department is designed and planned to give students a thorough and systematic training in the art of all branches of Metallurgy.

With the limited time at our disposal it is impossible to give students the skill coming from long practice, but it is the aim of this department to train men to become useful immediately upon their entrance into the practice of their chosen profession. All metallurgical courses are accompanied by metallurgical problems which give the student a technical command of the subject.

1. **Assaying.**—Lectures and recitations once a week, sixteen weeks, winter and first half of spring term, and one hundred and twenty hours of laboratory work, including half an hour daily recitations. To be preceded by Qualitative Analysis and Mineralogy.

The Fire-Assaying comprises: Assay of ores and metallurgical products of silver, gold and lead by scorification and crucible methods; also the assay of silver bullion, base bullion, of rich silver sulphide for gold and silver, of cyanide solution for gold, of copper for silver and gold, and the assay of ores and products containing metallics.

The Assay Laboratory is equipped with the latest apparatus for assaying. The furnace used is a Case Combination Gasoline furnace. Other apparatus is to be had that makes it possible to carry on any sort of metallurgical experiments desired. A first-class course is offered in this subject.

Text Book: Lodges' "Notes on Assaying"—Mondays and Wednesdays.

2. **Metallurgy.**—This course is arranged to meet the requirements of the mining engineer, as well as for those who are intending to specialize in metallurgy.

The instruction covers the following:

1. Ores, their characteristics, classification and qualities.

2. Sampling of ores and products.
3. Preparation of ores, crushing and the kinds of fineness of crushing.
4. Combustion, Fuels, natural and artificial, manufacture of fuels, gas producers and apparatus.
5. Roasting of Ores and Roasting Furnaces and the Chemistry of Roasting.
6. Refractories, etc.

Especial attention is paid to the pyritic smelting of copper ores in this course. To impress this work more thoroughly on the mind of the student several trips are made to surrounding districts, where the student may see the actual practice of copper smelting. Students in this course are required to make a trip to the Tennessee Copper District, where pyritic smelting may be seen in its truest sense, as this is the best type of this sort of smelting in the world.

(a) **Fuels, Iron and Steel.**—Historical sketch. The relation of Metallurgy to Chemistry. Properties of the metals, alloys, brasses and bronzes. Thermo-treatment of metals. Fuels in the solid, liquid, and gaseous state; their occurrence and manufacture.

Refractory materials, their occurrence, properties, manufacture and uses. Furnaces, different types used for various metallurgical operations. Blowing apparatus. Hot Blast stoves. Typical metallurgical processes. Sampling of ores and metallurgical products. Roasting of gold, silver, copper, lead, zinc and iron ores.

This is followed by the metallurgy of iron and steel from the ore in the mines through the various processes of the modern steel works to the commercial products viewed on every side.

Junior year. First term. Five hours per week.

Text Book: "Campbell's Iron and Steel."

(b) **Lead and Zinc.**—This course is a lecture course with short quizzes every week. The kind of ores, methods of

handling and treating them in different localities, together with detail work on the smelter layout, covers this ground thoroughly. Appropriate trips will be taken during the work.

Senior year. Second term. Five hours per week.

Ore Dressing.—A detail study of the handling of ores and getting them into shape for metallurgical treatments. Crushers, stamps, jigs, screens, concentrators of various descriptions, stamps and the detailed study of mill construction and arrangement is made. Work in neighboring mills will be arranged so that students will have practical experience in this line of work.

(c) **Metallurgy of Gold.**—Occurrence of Properties. Various processes of extraction. Stamp Milling. Extraction by amalgamation. Extraction by Chlorination. Extraction by cyaniding. Arrangements of plants and typical mills. Melting and refining of gold and parting of gold and silver bullion.

(d) **Metallurgy of Silver.**—Occurrence and properties. A general discussion of various processes for the extraction from ores. The Patio process. The Washoe process. The combination process. The roasting and pan amalgamation. The Boss process. Wet processes. Refining of silver bullion. Purchasing, sampling and testing.

Senior year. Five times per week. Second term.

(e) **The Metallurgy of Copper.**—Smelting in reverberatory and blast furnaces. Pyritic matte smelting. Concentration of mattes by various processes. Wet processes of treating mattes and ores. The study and calculation of the furnace charges, and slag. Bessemerizing. Process of refining in reverberatories and electrolytic refining.

Senior year. Second term. Five hours per week.

(f) **Nickel, Mercury, Tin, Antimony, Cadmium.**—The metallurgy of these metals is discussed only briefly.



VIEW OF CAMPUS SHOWING TENNIS COURT AND
MAIN BUILDING

METALLURGICAL LABORATORY PRACTICE.

Senior year. Fall term. Three hours a week.

The instruction comprises laboratory and recitation work as follows:

Amalgamation.

Leaching methods for the extraction of gold, silver and copper.

Roasting, oxidizing, etc.

Metallurgical calculations.

Metallurgical Problems.—This course has reference to the designing and proportioning of various types of furnaces for special duties and conditions. It will call for a clear conception of the metallurgical principals.

Senior year. First term. Three periods.

ENGINEERING, CHEMISTRY AND ADVANCED QUANTITATIVE ANALYSIS.

This course consists of chemical work embracing those problems found in the engineering profession. An endeavor is made to fit the student with a training that will enable him to cope with the problems found in the practical world.

Special emphasis is made in the study and analysis of all the common metals.

A further explanation of the course will be given by the instructor.

This course is required of the Seniors five times per week.

MINERALOGY.

The work in this department is intended for students taking the course of mining engineering and metallurgy.

1. **Mineralogy.**—The work in this class intended as a preparation for those entering upon the studies of geology and petography, mining and metallurgy. A knowledge of Chemistry and Physics is necessary for a proper compre-

hension of the subject. The regular work consists of a course of lectures and demonstrations on crystallography at the beginning of the fall term, illustrated by lectures on the physical and optical properties of minerals, the description of about forty prominent Georgia minerals, practical work in the determination of these by means of the blowpipe and the field tests.

The practical work of the class is conducted in the mineralogical and blowpipe laboratory, where are located the specimens of commonly occurring minerals. Students are taught to recognize minerals by simple field tests, such as form, color, streak, hardness, specific gravity, etc.

Freshman year. Three times per week.

Text Books: Moses and Parson's "Mineralogy and Blowpipe Analysis." Reference, Dana's "Mineralogy."

Blowpipe Work.—In this course only the most characteristic relations of the more commonly occurring elements are presented, namely, those which will be found necessary for the proper determination of the minerals presented in the course in Determinative Mineralogy.

In this work the student is given a series of KNOWN minerals upon which he carries out all Blowpipe tests, after which he is given UNKNOWN minerals for same series of tests. This is supplemented by use of hand specimens, fitting the student for work in the field.

Sophomore year. Five times per week.

Text Books: Moses and Parsons' "Mineralogy, Crystallography and Blowpipe Analysis."

GEOLGY.

The instruction in this department is adapted to the needs of the prospector, the mining engineer, and the professional geologist. Provision is also made for persons who desire a knowledge of the subject as a part of a general education.

Students have access to the Geological and Mineralogical laboratory, which contains a large number of specimens

illustrative of petrography, palaeontology, economic minerals, and general geology of the United States and especially of the State of Georgia.

1. General Geology.—A study will be made of structural and dynamical Geology in connection with their bearings on economic problems.

Entire Junior year. First term, five times per week; second term, five times per week.

Text Books: "General Geology." Scott.

Books for Reference: Geikie's "Field Geology," Dana's "Manual of Geology."

2. Economic Geology.—Students are required to take part in the excursions to various mines in the neighborhood of Dahlonega.

Lectures on the origin, modes of occurrence and uses of metals and their ores; materials used in the production of light and heat; minerals used in chemical manufacture; salt, brine, mineral waters, cements, refractory materials, gems and precious stones.

Text Books and Books of Reference: "Economic Geology of the United States" (H. Ries). "Ore Deposits of the United States of Canada" (Kemp).

Senior year. Three times per week.

MINING SECTION

Mining.—This course may be outlined as follows: Hoisting, under which will be considered motive powers, ropes, gallow-frames, receptacles and safety appliances and pneumatic hoisting. Haulage: a discussion of the different systems of underground and surface transportation, including areal rope-ways. The drainage, ventilation and lighting of mines. Explosives, the theory of blasting, pointing and charging holes; methods of firing. Methods of breaking ground. Boring, diamond drill work, and percussion methods. Instruction is given in methods of shaft sinking,

mine timbering and exploitation, hydraulic mining, ore deposits, mine managing and the employment of labor, mine examinations, sampling of ore bodies, estimation of the ore, which can be measured, and the valuation of mining properties.

Elementary Mining.—This short course is primarily to outline the principles on which the science of Mining Engineering is based, and is designated to introduce the student to fundamentals which will enable him to appreciate the applications of other studies of the Freshman and Sophomore years.

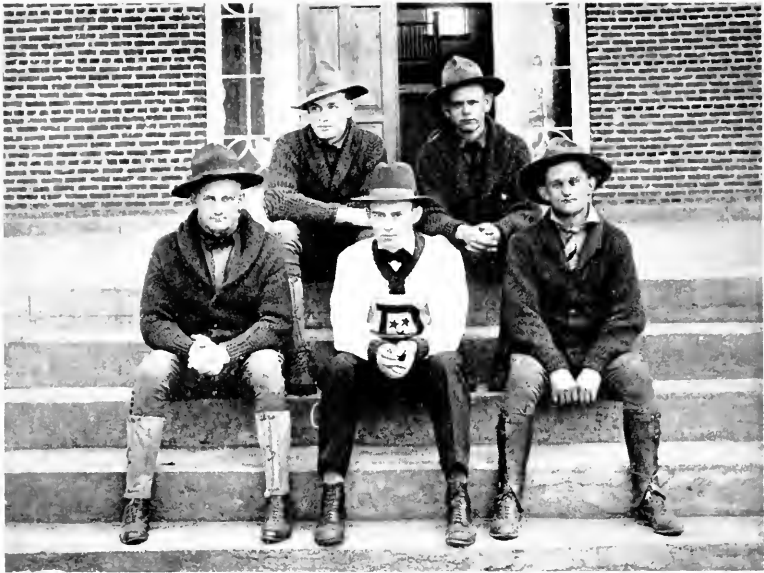
The students of this class are allowed to make short visits to the mines and mining property of the surrounding country where they may see carried out in actual practice the theories learned in the class room. This is a very important part of the course, as the students derive great benefit from these short visits.

Freshman year. Lectures first term, four hours per week; second term, three hours per week.

Elements of Ore Dressing.—A course in the principles of the mechanical movements underlying the operation of Ore Dressing Machinery. The course consists of series of lectures on Shafting, Pulleys, Belting, Power, Transmission, and Mechanical Movements for obtaining uniform, intermittent and variable motions; a short discussion of the more common fittings used in transmission of air and steam, and a brief description of the various machines and apparatus in use for the crushing, classification and concentration of the more important ores. Numerous problems are given the students to illustrate the principles discussed.

Lectures: Senior year, first term. Five lectures per week.

Text-Book: Richards, "Ore Dressing."



OFFICERS OF ATHLETIC ASSOCIATION



DIRECTOR OF ATHLETICS AND CAPTAINS

DYNAMO AND ELECTRIC MACHINERY.

This course consists of instruction in dynamo machinery with the ultimate view of familiarizing the mining student with the dynamo and its operation. The student will be given the chance to design and erect small machines of the direct current type. The class of work consists of lectures and recitations of the following work: Electrical Laws and Facts, Magnetic Laws and Facts, Armatures, Field Magnets, Operation of Armatures, Efficiency of Operation, Constant Potential Dynamos, Constant Current Dynamos, Motors, Series Motors, etc.

Text-Book: Sheldon's Dynamo Electric Machinery.

Senior year. Fall term. Four times per week.

SHOP PRACTICE.

1. **Forge Work.**—This work begins with simple exercises in drawing, upsetting, bending, twisting, punching and welding. The work gradually becomes more difficult, such as making eye bolts, tongs, chains, etc. Tool-making is then taken up by making hammers, chisels, screw-drivers. This work is fully illustrated by means of drawing and lectures covering the properties of iron and steel. Extreme care is given to make the student familiar with the most useful grades of steel and correct shape and temper necessary for the best work in cutting iron, brass, stone, etc. The final work is the making of rock drills and testing same on grades of rock of different degrees of hardness.

Sophomore Class.—Tuesday, Thursday and Saturday for two periods.

2. **Mechanical Drawing.**—The student is here given practice in Geometrical Construction until he is familiar with the nature, care and use of drafting instruments. Then, after studying the principles of orthographic projections, intersections and development, he is thoroughly drilled in free-hand

lettering. The course is completed with one term of machine drawing. In this the student is required to make sketches, details and assembly drawings of machines.

Freshman. Six hours throughout the week.

Machine Drawing.—This course is a continuation of the work in Mechanical Drawing taken up in the Freshman year. This work treats of the more complicated parts of machinery, covering gears, power transmission, mechanism and machines used especially in Milling and Ore Dressing.

Required of all mining students.

3. Metal Work.—This course begins with chipping to a line, filing to a dimension and scraping to a surface plate. Machine operation is taken up next; the principles and uses of the drill press, lathe, etc., are taught by lectures, followed by the actual use of the machine. After a reasonable time, skill is attained in operating the various machines through a course of graded exercises. The degree of accuracy thus acquired enables the student to use hand and eye in unison, and is a lasting benefit in teaching exactness in statement and measurement.

This course is required of Sophs in the Mining Course, one afternoon per week.

4. Wood Turning.—Several lathes have been installed for use during the ensuing year. This course consists of use of the wood lathe in general, which familiarizes the student with this machine. He is given exercises, beginning with a plane cylinder, including curves of various kinds and sizes, and concluding with face plate work in rings, balls, goblets, and vases. On all preliminary work students are required to use the tools in such a way as to make the use of sandpaper unnecessary.

Required of Freshmen.

5. Wood Work or Carpentry.—This course is intended to familiarize the student with the use of wood working tools. The course starts out with simplest exercises of the saw,

plane, etc., and ends with difficult exercises in cabinet making. This course is open to all students of the college.

Required of Freshmen and Sophomores.

GAS ENGINE LABORATORY.

This is a laboratory course. The student is required to calculate the efficiency of gas engines, power developed, gasoline consumption, etc., and in fact all that is necessary for the care of gasoline engines may be learned in this laboratory course.

Senior year. One afternoon per week.

COURSE—MINING ENGINEERING.

Third Preparatory Class.

| | Time in periods per week. | |
|---------------------------|---------------------------|--------------|
| | First Term. | Second Term. |
| Lectures and recitations: | | |
| English (3) ----- | 5 | 5 |
| Physics (3) ----- | 5 | 5 |
| Mathematics (3) ----- | 5 | 5 |
| History (3) ----- | 4 | 4 |
| Mechanical Drawing ----- | 5 | 5 |
| Mechanical Drawing ----- | 5 | 5 |
| | <hr/> | <hr/> |
| | 29 | 29 |

Freshman Class.

| | | |
|---------------------------------------|-------|-------|
| Lectures and Recitations: | | |
| Algebra (1) ----- | 5 | 1 |
| Trigonometry (2) ----- | | 5 |
| General Chemistry ----- | 5 | 5 |
| Elementary Mining ----- | 3 | 3 |
| Elementary Mineralogy ----- | 3 | 3 |
| Mechanical Drawing ----- | 3 | 2 |
| English (1) ----- | 3 | 3 |
| Gen. Chemistry Lab. (Science 1) ----- | 1 | 1 |
| | <hr/> | <hr/> |
| | 23 | 23 |

Sophomore Year.

| Lectures and recitations: | Time in periods per week. | |
|--|---------------------------|--------------|
| | First Term. | Second Term. |
| Analytical Geometry ----- | 5 | |
| Calculus (3) and (4) ----- | | 5 |
| English (3) ----- | 3 | 3 |
| Qualitative Analysis ----- | 5 | 5 |
| Mineralogy and Blowpipe Advanced ----- | 5 | 5 |
| Plane Surveying ----- | | 3 |
| Lectures in Mine Surveying ----- | | 2 |
| Machine and Mill Design ----- | 2 | |
| Forging, Metal Work and Wood Turning --- | 3 | |
| | <u>23</u> | <u>23</u> |

Junior Year.

| | | |
|--------------------------------|-----------|-----------|
| Lectures and Recitations: | | |
| Masonry Construction ----- | 5 | 5 |
| Physics ----- | 5 | 5 |
| Mechanics of Engineering ----- | 3 | |
| General Geology (3) ----- | 5 | 5 |
| Metallurgy ----- | 4 | 4 |
| Assaying ----- | 2 | |
| Mining ----- | 1 | 3 |
| Mechanics of Materials ----- | | 3 |
| Quantitative Analysis ----- | 5 | 5 |
| | <u>30</u> | <u>30</u> |

Gas Engine Laboratory, Mondays.

Quantitative Analysis, Mondays.

Senior Year.

| | | |
|---|-----------|-----------|
| Lectures and Recitations: | | |
| Hydraulics ----- | 5 | |
| Ore Dressing ----- | 5 | 5 |
| Economic Geology and Geo. Survey ----- | 3 | 3 |
| Metallurgy ----- | 5 | 5 |
| Metallurgy Lab. and Problems ----- | 3 | |
| Dynamo Mach. and Electrical Transmission | 4 | |
| Thesis ----- | | 7 |
| Ore Dressing and Mining Memoirs ----- | | 1 |
| Engineering Chemistry and Advanced Quantitative Analysis ----- | 5 | 5 |
| | <u>30</u> | <u>26</u> |



BASKET BALL TEAM



TENNIS CLUB

PREPARATORY DEPARTMENT.

To meet the needs of those sections of the State that have no high schools, or where the high school is imperfectly developed, and yet where the people desire to give their sons and daughters a good education, the North Georgia Agricultural College has provided a Preparatory Department offering a three years' course of instruction in English, Mathematics, Latin, Science, History, Drawing, Penmanship, Orthography, Commercial Arithmetic and Commercial Geography and leading up to the freshman class of fourteen unit colleges.

Any student taking the high school work in the Preparatory Department of this college has more advantages than any high school can offer. In the first place, the Departmental method is used. This brings the student in contact daily with at least four or five teachers instead of one or two as is often the case in the high school and from this contact the student is enabled to imbibe the best from a greater number. And may we with modesty add that the State has some of her best talent employed at this Institution. In the second place, the association with college students in the dormitories, in the college halls, in the literary societies, and on the drill fields, as well as on the athletic field, has this additional advantage in that the college man sets the high school boy a pace for nobler and higher things. In the third place, the recitation periods are forty-five minutes and there is no congestion of either time or work.

To enter the First Preparatory class it is necessary for the pupil to have satisfactorily completed the First Year (eighth grade) of the high school. Students should not apply who have not a practical knowledge of English Grammar, Arithmetic, United States History, Political Geography, and some knowledge of literature.

COURSE OF STUDY.

English.

1. **Elementary English Composition.**—The object of this course, primarily, is to enable the student to express himself correctly, intelligently, and interestingly; to make use of his own powers of observation, reflection, and imagination, to increase and to intensify his vocabulary; and give some acquaintance with the master-pieces of literature.

It will include instruction in the technicalities of writing, composition, reproduction, memorizing, reading, declamation, and drills. A general review of English Grammar will be made during the year.

Text: Sykes' "Elementary English Composition" (English Grammar Supplement).

Required for reading and study; "Franklin's Autobiography," "Merchant of Venice," "Courtship of Miles Standish," "The Vicar of Wakefield," "Washington's Farewell Address" and "Webster's First Bunker Hill Oration."

First Preparatory Class: Entire year. Five hours per week.

2. **Elementary Rhetoric and Composition.**—Continuation and enlargement of work of the First Preparatory Class; study of English usage, enlargement of pupil's vocabulary; study of themes, paragraphs, sentences, words, and minor forms of composition; frequent written recitations, compositions, collecting and arranging material, out-line assigned selections; style as interpreted through general characteristics of standard authors; study of prescribed literature; drills in punctuation; reviews based upon summaries; declamations, memorizing; a research in the classics.

Text: Brooks and Hubbard's "Composition-Rhetoric;" Painter's "Poets of the South." Required for reading and study; "Julius Caesar," Irving's Sketch book, Macaulay's "Life of Johnson," Scott's "The Lady of the Lake," Parkman's "The Oregon Trail."



BASE BALL SQUAD

Second Preparatory Class. Entire year. Five hours per week.

3. English Composition—Exposition, Argument, Description, narration, and elements of Prosody; review of minor forms of composition; careful study of selected literature with the view of inciting the pupil to a love of good literature; reading, memorizing, declamations; reviews; Greek, Roman, and Norse Mythology.

Text: Gardiner, Kittridge and Arnold's "Manual of Composition and Rhetoric."

"History of American Literature," Hallecks. Gayley's "Classic Myths" (Revised).

Required for reading; "Macbeth," "Conciliation with America," "Milton's Minor Poems," "Silas Marner."

Third Preparatory Class. Entire year. Five hours per week.

SCIENCE.

(1). **Biology.** This course includes animal, human and plant Biology, together with frequent experiments and classification. Practical experiments in laboratory, in field and class-room will be given. Results will be kept in tabulated form in note book. The course will be accompanied with lectures on different topics.

This course will be divided as follows: In Fall term, Biology; Spring term, Botany.

Text to be selected.

Required of Second Preparatory Class, entire year.

(2). **Elementary Physics.** Recitation work required three hours per week; laboratory work, four hours per week. Practical application will be made and emphasized of the principles of mechanics, properties of matter, dynamics, heat, sound, light, electricity and magnetism, will be stressed.

Text: Carhart and Chute's "First Principles of Physics."

Required of Third Preparatory Class, entire year.

HISTORY.

(1.) **Greek and Roman History.** This course will include a brief and condensed account of the early nations with their contributions to the Greek and Roman countries. The effects of Greco-Roman institutions on the more modern civilizations will receive special emphasis. Notes and outline maps will form an important part of the work.

Text Book: A History of the Ancient World, Botsford; Ivanhoe's Historical Note Book.

First Preparatory, entire year; five hours per week.

(2.) **Modern History.** This course to follow course 1, and complete study to the present time. The following phases receive special attention, supplemented with oral and written reviews: The Church with the Rise of Papal Power; Feudalism and Chivalry; Revival of Learning; the Reformation; the Rise of the Political Power of Present Nations; the Ivanhoe Historical Note Book.

Text Book: New Medieval and Modern History, Harding.

Second Preparatory Class. Five hours per week, entire year.

(3.) **American History.** History and civics in this course form one study. Chronological history is studied from a political standpoint. Government is regarded as the structural aspect of inherited and acquired racial experience. Major stress upon the development of social and industrial arrangements. Lectures and maps of military campaigns will be emphasized in spring term.

Text Book: Cousin and Hill's American History; Ivanhoe Historical Note Book; Upton's Military History of the United States.

Third Preparatory Class. Entire year, five hours per week.

LATIN.

(1). **Grammar and Composition.**—One unit.

Text: Smith's Latin Lessons. (Allyn & Bacon.)

(1). The inflections; the simple rules for composition and derivation of words; syntax of cases and verbs; structure of sentences in general with particular regard to relative and conditional sentences, indirect discourse and the subjunctive mode. Translation into easy Latin of detached sentences and very easy continuous prose based upon Caesar and Cicero.

(2). **Caesar.**—One unit.

Any four books of the Gallic War.

Texts: Caesar, Walker's (Scott, Foresman & Co.); Bennett's Latin Prose Composition (Allyn & Bacon); Latin Grammar (Allen & Greenough) (Ginn & Co.).

(3). **Cicero.**—One unit.

Texts: Tunstall's Cicero (D. C. Heath & Co.); Bennett's Latin Prose Composition (Allyn & Bacon) Latin Grammar (Allen & Greenough) (Ginn & Co.).

MATHEMATICS.

Course 1.—Young and Jackson's "Elementary Algebra." To Chap. XV.

First Preparatory Class. Entire year. Five hours per week.

Course 2.—Young and Jackson's "Elementary Algebra," completed.

Second Preparatory Class. Fall term. Five hours per week.

Wentworth and Smith's Geometry (Plane). Three books.

Second Preparatory Class. Spring term. Five hours per week.

Course 3.—Wentworth's "Higher Algebra."

Third Preparatory Class. Fall term. Five hours per week.

Wentworth and Smith's Plane Geometry. Completed.

Third Preparatory Class. Spring term. Five hours per week.

BUSINESS.

Course 1.—(a) Spelling (A Practical Commercial Speller, Atwood) (b) Penmanship (The Palmer Method).

First Preparatory Class. Entire year. Five hours per week.

Course 2.—(a) Van Tuyl's "Commercial Arithmetic." (b) Penmanship (Palmer Method).

Second Preparatory Class. Entire year. Five hours per week.

Course 3.—(a) Van Tuyl's "Commercial Arithmetic." Completed. (b) Commercial Law. (c) Penmanship (The Palmer Method).

Third Preparatory Class. Entire year. Five hours per week.

SCHEDULE OF STUDY FOR PREPARATORY CLASSES.

Required for all A.B. and B.S. Courses:

| | 1st | 2d | 3d Prep. |
|-------------------|-----|-----|----------------------|
| English ----- | (1) | (2) | (3) 5 hours per week |
| Mathematics ----- | (1) | (2) | (3) 5 hours per week |
| Science ----- | (1) | (2) | (3) 5 hours per week |
| Latin ----- | (1) | (2) | (3) 5 hours per week |
| History ----- | (1) | (2) | (3) 5 hours per week |

(1) For all B.B.S., M.E. and B.Agr. courses substitute Business (1, 2, 3), respectively, for Latin (1, 2 and 3).

(2) A special schedule for shopwork may be arranged later.

(3) For girls Domestic Science may be substituted for regular Science.

(4) General Arithmetic is substituted for Science in First Preparatory Class.

MILITARY ORGANIZATION.

The department is organized as follows:

A Cadet Battalion, of two companies; Band and Signal Squad. The organization of these units conforms, so far as practicable, to that of like units in the army of the United States.

The names and rank of all Cadet Officers and Non-Commissioned Officers appear below:

Battalion Field Staff and Non-Commissioned Staff Officers:

BATTALION STAFF.

| | |
|---|--------------|
| Cadet Major | S. J. Morris |
| Cadet 1st. Lieut. and Adjutant | H. S. Barnes |
| Cadet 2nd. Lieut. and Quartermaster | O. L. Amsler |
| Cadet Sergeant Major | R. C. Heslop |

BAND.

Prof. Ferdinand Angelsberg, Chief Musician U. S. Army,
Retired, Instructor.

| | |
|--------------------------|----------------|
| Cadet Captain | E. O. Houseman |
| Principal Musician | R. L. Kennedy |
| Cadet Sergeant | T. W. Hill |
| Cadet Corporal | G. E. Green |
| Cadet Corporal | T. E. Fletcher |

COMPANIES.

"A"

| | | |
|----------------------|-----------------------|----------------|
| R. P. Terrell | Captain | H. F. Higgins |
| F. M. Rich | 1st. Lieutenant | P. W. Mills |
| G. C. Polk | 2nd. Lieutenant | R. M. Dickson |
| F. C. Faucett | 1st Sergeant | C. S. Long |
| J. R. Lee | Color Sergeant | R. T. Hopkins |
| B. J. Barnes | Q. M. Sergeant | W. M. Hopkins |
| K. R. Duncan | Cadet Sergeant | J. W. Veal |
| R. R. Bedgood | Cadet Sergeant | S. Earle |
| | Cadet Sergeant | E. B. Vickery |
| C. C. Morris | Corporal | A. J. Thompson |
| H. F. Gober | Corporal | C. White |
| R. M. Moore | Corporal | S. P. Henry |
| A. P. Ferguson | Corporal | A. H. Nunnally |
| E. G. Amsler | Corporal | B. F. Register |
| | Corporal | W. L. Cranford |

"B"

Awards of Medals for 1916

FRESHMAN CLASS.

First Medal, B. F. Register.

Second Medal, W. D. Still.

SOPHOMORE CLASS.

First Medal, R. G. Vinson.

Second Medal, Miss Pearl Tate.

OTHER PRIZES.

Saber awarded to Capt. Oscar Smith, of Co. "B".

Individual Prize Drill, J. W. Whelchel, Co. "B".

Wofford Military Medal, L. C. Frizzelle.

The Clark Mathematics Medal, Eugene B. Vickery.

The Franklin P. Rice Latin Medal, Miss Vella Ash.

The Tate Science Medal, L. C. Frizzelle.

Junior English Medal, F. M. Rich.

The Meaders' General Excellence Medal, Miss Mardelle Lilly.

Graduating Class, First Honor, Capt. Oscar Smith.

ROLL 1916-1917

| Name | Class | County | State | Vocation | Residence |
|-----------------------|-------|------------|-------|-----------------|-----------|
| Adams, W. S. ....1 | | Heard | Ga. | Farmer | Country |
| Ammons, E. G. ....3 | | Fannin | Ga. | Mason | Town |
| Amsler, E. G. ....4 | | Greene | Miss. | Co. Official | Country |
| Amsler, O. L. ....6 | | Greene | Miss. | Co. Official | Country |
| Anderson, E. H. Jr. 1 | | Macon | Ga. | Jeweler | Town |
| Anderson, F. S. ....2 | | Clayton | Ga. | Farmer | Country |
| Andrews, F. ....1 | | Dodge | Ga. | Blacksmith | Town |
| Ash, A. W. ....4 | | Lumpkin | Ga. | Teacher | Town |
| Ash, Vella ....6 | | Lumpkin | Ga. | Teacher | Town |
| Avery, Ida ....3 | | Lumpkin | Ga. | Farmer | Town |
| Avery, T. E. ....1 | | Oconee | Ga. | Farmer | Country |
| Bailey, I. S. ....4 | | Spalding | Ga. | Farmer | Country |
| Baker, Hunter C. ..2 | | Duval | Fla. | Insurance | City |
| Baker, C. H. ....3 | | Duval | Fla. | Insurance | City |
| Barnes, B. J. ....4 | | Meriwether | Ga. | Farmer | Country |
| Barnes, W. W. ....4 | | Meriwether | Ga. | Merchant | Country |
| Barnes, H. S. ....5 | | Heard | Ga. | Farmer | Country |
| Barton, J. R. ....2 | | Anderson | S. C. | Lumberman | Town |
| Beacham, Chas. ...2 | | Wheeler | Ga. | P. M. | Town |
| Bond, Jones ....4 | | Franklin | Ga. | Farmer | Town |
| Bedgood, Royal ...1 | | Crisp | Ga. | Farmer | Town |
| Bell, J. M. ....3 | | Thomas | Ga. | Boarding House | Town |
| Bell, J. R. ....3 | | Butts | Ga. | Farmer | Country |
| Blair, H. E. ....2 | | Cobb | Ga. | Lawyer | Town |
| Blanton, C. B. ....3 | | Spalding | Ga. | Farmer | Country |
| Bledsoe, R. I. ....4 | | Carroll | Ga. | Stock Dealer | Town |
| Booker, John ....1 | | Wilkes | Ga. | Farmer | Country |
| Bradley, T. B. ....4 | | Coweta | Ga. | Housekeeper | Town |
| Brandon, Susie ....3 | | Lumpkin | Ga. | Matron | Town |
| Brooksher, H. T. ..5 | | Jackson | Ga. | Farmer | Country |
| Busbee, L. H. ....3 | | Troup | Ga. | Farmer | Town |
| Cameron, J. W. ...1 | | Telfair | Ga. | Co. Official | Town |
| Carlisle, Marshall..1 | | Russell | Ala. | P. M. | Town |
| Carruth, E. A. ....6 | | Madison | Ga. | Farmer | Country |
| Chambliss, C. B. ...3 | | Sumter | Ga. | Farmer | Town |
| Choosewood, C. L. .2 | | Fulton | Ga. | Retired | City |
| Christopher, W. O..1 | | Coffee | Ga. | Bookkeeper | Town |
| Collins, A. B. ....4 | | Candler | Ga. | Farmer | Country |
| Cook, Whit ....4 | | Marion | Ga. | Farmer | Town |
| Cordray, W. E. ....3 | | Chatham | Ga. | R. R. Conductor | City |
| Couch, Mae ....5 | | Lumpkin | Ga. | Farmer | Country |
| Cranford, W. L. ...5 | | Lowndes | Ga. | Lumber Mfg. | Town |
| Crawford, J. M. ....2 | | Franklin | Ga. | Farmer | Town |
| Crawford, M. F...Sp. | | Lumpkin | Ga. | Farmer | Country |
| Crow, F. C. ....2 | | Hall | Ga. | Co. Official | Town |
| Crowder, J. C. ....4 | | Meriwether | Ga. | Farmer | Town |
| Daniel, Harry ....2 | | Dodge | Ga. | Stock Broker | Town |
| Davis, H. P. ....1 | | Madison | Ga. | Farmer | Country |
| Davis, W. Pat ....1 | | Madison | Ga. | Farmer | Country |
| Dennard, R. J. ....4 | | Twiggs | Ga. | Railway | Town |
| Dickson, R. M. ....6 | | Oconee | S. C. | Farmer | Country |
| Dockrey, Alice ...1 | | Morgan | Ga. | Farmer | Country |

| Name | Class | County | State | Vocation | Residence |
|------------------------|-------|------------|--------|-----------------|-----------|
| Dockrey, John ....2 | | Lumpkin | Ga. | Farmer | Country |
| Donaldson, J. O. ...2 | | Wayne | Ga. | Engineer | Town |
| Duncan, K. R. ....4 | | Lumpkin | Ga. | Teacher | Town |
| Dunwoody, H. ....1 | | Bibb | Ga. | Real Estate | Town |
| Durham, F. C. ....5 | | Cobb | Ga. | Doctor | Town |
| Earle, Sam .....4 | | Anderson | S. C. | Farmer | Country |
| Faucett, F. C. ....6 | | Pickens | Ga. | Mechanic | Town |
| Fentress, W. R. ...3 | | Telfair | Ga. | Preacher | Town |
| Ferguson, A. P. ...5 | | Lumpkin | Ga. | Teacher | Town |
| Ferguson, Laura L. 2 | | Lumpkin | Ga. | Teacher | Town |
| Fletcher, T. E. ....3 | | Crisp | Ga. | Nat. Bank Ex. | Town |
| Fortson, M. E. ....2 | | Muscogee | Ga. | Farmer | Country |
| Foy, J. P. ....1 | | Bulloch | Ga. | Farmer | Town |
| Fry, Marian ....Sp. | | Lumpkin | Ga. | Teacher | Town |
| Gay, W. R. ....1 | | Randolph | Ga. | Banker | Town |
| Gober, H. F. ....2 | | Dawson | Ga. | Farmer | Country |
| Good, J. M. ....2 | | Levy | Fla. | Doctor | Town |
| Goolsby, G. M. ....6 | | Towns | Ga. | | Town |
| Gordon, R. B. ....2 | | Burke | Ga. | Merchant | Town |
| Greene, K. E. ....2 | | Glynn | Ga. | Engineer | Town |
| Groover, J. C. ....3 | | Bulloch | Ga. | Banker | Town |
| Hammontree, J. D. .5 | | Pickens | Ga. | Broker | Country |
| Harrison, H. C. ...2 | | Fulton | Ga. | Stenographer | City |
| Haas, A. O. ....2 | | Greenville | S. C. | Farmer | Country |
| Hayes, M. L. ....3 | | Forsyth | Ga. | Saleslady | Town |
| Head, Emma ....2 | | Lumpkin | Ga. | Farmer | Town |
| Head, Jessie ....2 | | Lumpkin | Ga. | Inspector | Country |
| Head, Myrtle ....4 | | Lumpkin | Ga. | Farmer | Town |
| Hendrix, M. C. ....3 | | Pickens | Ga. | Doctor | Town |
| Henry, S. P. ....2 | | Catoosa | Ga. | Farmer | Country |
| Heslop, R. C. ....4 | | Canal Zone | Panama | Contractor | City |
| Higgins, H. F. ....6 | | Lumpkin | Ga. | Farmer | Country |
| Hill, T. W. ....4 | | Twiggs | Ga. | Farmer | Town |
| Hogan, W. J. ....2 | | Troup | Ga. | Farmer | Town |
| Hogg, Bob ....1 | | Coweta | Ga. | Clerk | Town |
| Holden, F. C. ....1 | | Gilmer | Ga. | Doctor | Town |
| Hollinshed, C. A. ...2 | | Wilkes | Ga. | Broker | City |
| Holt, Farish ....1 | | Gilmer | Ga. | Farmer | Country |
| Hopkins, T. ....5 | | Pickens | Ga. | Salesman | Town |
| Hopkins, Will ....5 | | Pickens | Ga. | Carpenter | Country |
| Horton, H. S. ....4 | | Carroll | Ga. | Merchant | Town |
| Houseman, E. O. ...5 | | Douglas | Ga. | Ind. R. R. Agt. | Town |
| Hughes, I. S. ....1 | | Madison | Ga. | Teacher | Country |
| Hulsey, R. T. ....4 | | Hall | Ga. | Merchant | Town |
| Jackson, Idessa ....2 | | Lumpkin | Ga. | Banker | Town |
| Jackson, R. W. ....4 | | Pickens | Ga. | Farmer | Country |
| Jarrard, Inez .....1 | | Lumpkin | Ga. | R. L. C. | Town |
| Jarrard, Ona ....2 | | Lumpkin | Ga. | R. L. C. | Town |
| Jones, Bertha ....1 | | Lumpkin | Ga. | Farmer | Country |
| Jones, G. A. ....3 | | Union | Ga. | Farmer | Country |
| Johnson, Lewis ....1 | | Fulton | Ga. | Teacher | City |
| Jones, Harry ....1 | | Lumpkin | Ga. | Doctor | Town |
| Keller, H. P. ....2 | | Troup | Ga. | Farmer | Town |
| Kennedy, R. L. ...5 | | Candler | Ga. | Doctor | Town |

| Name | Class | County | State | Vocation | Residence |
|------------------------|-------|-----------|-------|----------------|-----------|
| Kinnett, Jack ....2 | | Crisp | Ga. | Farmer | Town |
| King, M. B. ....3 | | Jasper | Ga. | Farmer | Town |
| Ladd, Fred .....1 | | Fulton | Ga. | Banker | City |
| Landers, Silvey ....3 | | Carroll | Ga. | Salesman | Town |
| Lee, J. R. ....3 | | Chatham | Ga. | Merchant | City |
| Lester, W. E. ....3 | | Brooks | Ga. | R. R. Agt. | Town |
| Lilly, Mardelle ....4 | | Lumpkin | Ga. | Lawyer | Town |
| Lilly, Oscar J. ....1 | | Lumpkin | Ga. | Lawyer | Town |
| Littlefield, Mac ...1 | | Lumpkin | Ga. | Merchant | Town |
| Long, C. S. ....6 | | Pickens | Ga. | Machinist | Town |
| Loveless, H. E. ....4 | | Lumpkin | Ga. | Mechanic | Town |
| Lunsford, Leota ...2 | | Lumpkin | Ga. | Teacher | Town |
| Lunsford, Lillian .5 | | Lumpkin | Ga. | Teacher | Town |
| Lunsford, A. O. ...2 | | Lumpkin | Ga. | Teacher | Town |
| Maddox, W. J. ....2 | | Milton | Ga. | Doctor | Town |
| Majette, R. S. ....3 | | Wayne | Ga. | Naval Stores | Town |
| Martin, C. E. ....2 | | Bartow | Ga. | Merchant | Town |
| Martin, Edwin ...3 | | Early | Ga. | Farmer | Country |
| Martin, H. H. ....3 | | Lumpkin | Ga. | Carpenter | Country |
| Mays, Allan .....2 | | Jefferson | Ga. | Farmer | Country |
| Mays, Marvin .....1 | | Richmond | Ga. | Farmer | Town |
| McCollum, J. W. ...2 | | Coffee | Ga. | Farmer | Country |
| McClain, S. C. ....4 | | Pickens | Ga. | Merchant | Country |
| McClure, J. N. ....4 | | Gwinnett | Ga. | Farmer | Town |
| McCurdy, E. L. ...5 | | DeKalb | Ga. | P. M. | Town |
| McDonald, R. W. ...1 | | Coffee | Ga. | Lawyer | Town |
| McGee, Bertie ....7 | | Lumpkin | Ga. | Merchant | Town |
| McKinnon, J. K. ...1 | | Chatham | Ga. | Doctor | City |
| McMekin, T. M. ...3 | | Wilkes | Ga. | Farmer | Country |
| McWilliams, B. F. Sp. | | Crisp | Ga. | R. L. C. | Town |
| Meaders, Rae ...Sp. | | Lumpkin | Ga. | Merchant | Town |
| Mealor, W. S. ....2 | | Coweta | Ga. | Molder | Town |
| Mills, P. W. ....Sp. | | Fulton | Ga. | Lawyer | Town |
| Mitchell, L. G. ....3 | | DeKalb | Ga. | Dairyman | Country |
| Montgomery, Mae ...2 | | Barrow | Ga. | Farmer | Country |
| Moore, Beverly ...4 | | Bulloch | Ga. | Ry. Agent | Town |
| Moore, Irene ....Sp. | | Lumpkin | Ga. | Merchant | Town |
| Moore, R. M. ....4 | | Lumpkin | Ga. | Merchant | Town |
| Morris, C. C. ....2 | | Floyd | Ga. | Farmer | Country |
| Morris, S. J. ....7 | | Floyd | Ga. | Farmer | Country |
| Morris, W. L. ....2 | | Carroll | Ga. | Farmer | Country |
| New, J. M. ....1 | | Carroll | Ga. | Mfg. | Town |
| Newman, Anne ....2 | | Lumpkin | Ga. | Teacher | Town |
| Newman, Eva ....2 | | Lumpkin | Ga. | Teacher | Town |
| Nicholson, C. ....1 | | Rabun | Ga. | Farmer | Country |
| Nunnally, A. H. ...2 | | Fulton | Ga. | Insurance | City |
| O'Shields, Roy P. ...2 | | Macon | Ga. | Road Supt. | Town |
| Owens, W. J. ....2 | | Wilcox | Ga. | Merchant | Town |
| Paine, E. H. ....3 | | Macon | Ala. | Lawyer | Town |
| Parker, C. D. ....2 | | Clayton | Ga. | Ry. Official | Town |
| Parker, H. L. ....2 | | Pickens | Ga. | Supt. Mar. Wks | Country |
| Payne, C. L. ....3 | | Sumter | Ga. | Plumber | Town |
| Peacock, P. E. ....1 | | Dodge | Ga. | Farmer | Country |
| Pettit, Butler ....2 | | Gilmer | Ga. | Farmer | Country |
| Peyton, J. H. ....4 | | Habersham | Ga. | Farmer | Country |

| Name | Class | County | State | Vocation | Residence |
|----------------------------|-------|------------|--------|----------------|-----------|
| Pierce, Lilly | 2 | Hall | Ga. | Farmer | Country |
| Pittman, J. G. | 5 | Cherokee | S. C. | Doctor | Town |
| Polk, G. C. | 6 | Coweta | Ga. | Farmer | Country |
| Porter, G. H. | 3 | Fulton | Ga. | Groceryman | City |
| Powells, J. E. | 3 | Twiggs | Ga. | Housekeeper | City |
| Ray, O. G. | 4 | Gilmer | Ga. | Farmer | Country |
| Ray, Verna | 1 | Gilmer | Ga. | Farmer | Country |
| Register, B. F. | 5 | Candler | Ga. | Farmer | Town |
| Rich, B. H. | 4 | Lumpkin | Ga. | Merchant | Town |
| Rich, F. M. | 7 | Union | Ga. | Teacher | Town |
| Riggs, Joseph | 2 | Duval | Fla. | Bookkeeper | City |
| Ripley, E. C. | 4 | DeKalb | Ga. | Doctor | Town |
| Roberts, Christine | 4 | Lumpkin | Ga. | Janitor | Town |
| Rogers, H. P. | 1 | Chatham | Ga. | Merchant | City |
| Ruge, Adelaide | 3 | Lumpkin | Ga. | Teacher | Town |
| Ruge, Arthur | 1 | Lumpkin | Ga. | Teacher | Town |
| Ruge, Ferdinand | 3 | Lumpkin | Ga. | Teacher | Town |
| Samuels, M. A. | 3 | Chatham | Ga. | Merchant | City |
| Sandlin, R. W. | 1 | DeSoto | Fla. | Banker | Town |
| Sargent, Martha | 2 | Lumpkin | Ga. | Mechanic | Town |
| Scarborough, F. T. . . . | 1 | Henry | Ga. | Farmer | Country |
| Sears, H. T. | 1 | Canal Zone | Panama | Engineer | Town |
| Simmons, C. P. | 2 | Sumter | Ga. | Banker | Town |
| Smith, C. F. | 2 | Floyd | Ga. | Planter | Town |
| Smith, E. H. | 5 | Buncomb | N. C. | Mech. Eng. | Town |
| Smith, Ed. | 1 | Fulton | Ga. | Contractor | City |
| Smith, H. E. | 2 | Hall | Ga. | Merchant | Town |
| Smith, Ola | 2 | Lumpkin | Ga. | Merchant | Town |
| Stephens, J. T. | 2 | Fulton | Ga. | Baggage Master | City |
| Stewart, C. L. | 1 | Fulton | Ga. | Salesman | City |
| Stubbs, R. S. | 3 | Sumter | Ga. | Farmer | Country |
| Tate, Pearl | 5 | Lumpkin | Ga. | Merchant | Town |
| Terrell, R. P. | 6 | Fulton | Ga. | City Official | City |
| Thompson, A. J. | 5 | Greene | Ga. | Farmer | Country |
| Thompson, E. L. | 2 | Fulton | Ga. | Salesman | City |
| Thompson, W. D. | 3 | Cherokee | Ga. | Stock Dealer | Town |
| Todd, C. E. | 2 | Troup | Ga. | Farmer | Town |
| Trapnell, Roy | 4 | Candler | Ga. | Farmer | Town |
| Upshaw, C. L. | 4 | Meriwether | Ga. | Lumberman | Town |
| Vaughn, B. C. | 1 | Lumpkin | Ga. | Clerk | Town |
| Veal, John W. | 4 | Carroll | Ga. | Doctor | Town |
| Vickery, Katherine | 6 | Lumpkin | Ga. | Teacher | Town |
| Vickery, E. B., Jr. . . . | 5 | Lumpkin | Ga. | Teacher | Town |
| Vickery, J. M. | 3 | Floyd | Ga. | Broker | Town |
| Vinson, R. G. | 6 | Coffee | Ga. | Doctor | Town |
| Wade, N. A. | 5 | Gwinnett | Ga. | Farmer | Country |
| Wagener, H. E. | 2 | Fulton | Ga. | Contractor | City |
| Walea, E. T. | 1 | Bulloch | Ga. | Farmer | Town |
| Wallace, M. C. | 2 | Spalding | Ga. | Farmer | Country |
| Waters, Mamie | 2 | Lumpkin | Ga. | Housekeeper | Town |
| Waters, Maude | 3 | Lumpkin | Ga. | Housekeeper | Town |
| Webb, C. F. | 2 | Crisp | Ga. | Real Estate | Town |
| Webster, W. A. | 4 | Crisp | Ga. | Salesman | Town |
| West, Norma Belle | 1 | Fulton | Ga. | Builder | City |

| Name | Class | County | State | Vocation | Residence |
|----------------------|-------|---------|-------|--------------|-----------|
| Whelchel, J. F. ...1 | | Fulton | Ga. | Doctor | City |
| Whelchel, Mae ....7 | | Lumpkin | Ga. | Stock Dealer | Town |
| White, C. ....4 | | Henry | Ga. | Farmer | Country |
| White, D. P. ....3 | | Hall | Ga. | Ry. M. Clk. | Town |
| White, L. C. ....1 | | Fulton | Ga. | Salesman | City |
| Whittaker, W. V. ..1 | | Clayton | Ga. | Merchant | Town |
| Wilcox, J. L. ....1 | | Telfair | Ga. | Farmer | Country |
| Wooddall, Dewey ..1 | | DeKalb | Ala. | Milling | Country |
| Wooddall, J. M. ...3 | | Hall | Ga. | Conductor | Town |
| Wright, H. H. ....2 | | Lincoln | Ga. | Farmer | Country |
| Wrye, W. W. ....4 | | Wheeler | Ga. | Farmer | Country |
| Young, A. L. ....1 | | Calhoun | Ala. | Merchant | Town |

111 = from 76543

SUMMARY

| | |
|------------------------------------|------------|
| States Represented | 7 |
| Georgia Counties Represented | 65 |
| Farmers' Children | 75 |
| Merchants' Children | 21 |
| Lawyers' Children | 6 |
| Doctors' Children | 12 |
| Teachers' Children | 16 |
| Town Residents | 136 |
| Country Residents | 66 |
| City Residents | 24 |
| Male Students | 190 |
| Female Students | 30 |
| Total Enrollment | 226 |

GEORGIA COUNTIES REPRESENTED.

| | | | | | |
|----------------|---|-----------------|----|------------------|---|
| Barrow | 1 | Forsyth | 1 | Morgan | 1 |
| Bartow | 1 | Floyd | 4 | Milton | 1 |
| Bibb | 1 | Fannin | 1 | Meriwether | 5 |
| Brooks | 1 | Franklin | 2 | Muscogee | 1 |
| Burke | 1 | Fulton | 18 | Oconee | 1 |
| Butts | 1 | Gilmer | 5 | Pickens | 9 |
| Bulloch | 4 | Greene | 1 | Rabun | 1 |
| Candler | 4 | Glynn | 1 | Randolph | 1 |
| Catoosa | 1 | Gwinnett | 2 | Richmond | 1 |
| Carroll | 6 | Hall | 6 | Spalding | 3 |
| Chatham | 5 | Habersham | 1 | Sumter | 4 |
| Clayton | 3 | Heard | 2 | Telfair | 3 |
| Cherokee | 1 | Henry | 2 | Troup | 4 |
| Cobb | 2 | Jackson | 1 | Thomas | 1 |
| Coweta | 4 | Jasper | 1 | Twiggs | 3 |
| Coffee | 4 | Jefferson | 1 | Towns | 1 |
| Crisp | 6 | Lumpkin | 47 | Union | 2 |
| Dawson | 1 | Lowndes | 1 | Wheeler | 2 |
| DeKalb | 3 | Lincoln | 1 | Wilkes | 3 |
| Dodge | 3 | Macon | 2 | Wayne | 2 |
| Douglas | 1 | Madison | 1 | Wilcox | 1 |
| Early | 1 | Marion | 1 | | |

GRADUATES OF THE N. G. A. COLLEGE

GRADUATES OF THE N. G. A. COLLEGE

| Name | Present Address | Occupation. | Year In College | Residence when In College | Grad. | Remarks |
|---------------------------------------|-----------------------|----------------------------|-----------------|---------------------------|-------|--|
| Bates, M. G. | Atlanta, Texas | Teacher | 1875-1878 | Murray Co. | 1878 | Was Supt. of Schools At Ft. Worth |
| Coffee, R. N. | Texas | Lawyer | 1875-1878 | Gordon Co. | 1878 | |
| Collier, G. W. | Atlanta, Ga. | Merchant | 1875-1878 | Fulton Co. | 1878 | |
| Crusselle, W. F. | Atlanta, Ga. | Journalist | 1875-1878 | Fulton Co. | 1878 | Prof. in N. G. A. several years with Constitution |
| *Earl, E. B. .... | ..... | Teacher | 1875-1878 | Floyd Co. | 1878 | |
| Gray, J. R. | Atlanta, Ga. | Journalist | 1876-1878 | Bartow Co. | 1878 | Editor of Atlanta Journal |
| *Harris, W. D. | Fort Worth, Tex. | Lawyer | 1875-1878 | Murray Co. | 1878 | Judge |
| *Lewis, Miss Wille (Mrs. Littlefield) | ..... | ..... | 1878-1878 | Lumpkin Co. | 1878 | |
| Starr, O. N. | Calhoun, Ga. | Lawyer | 1875-1878 | Gordon Co. | 1878 | State Senator |
| *Starr, Trammell .. | Calhoun, Ga. | Lawyer | 1875-1878 | Gordon Co. | 1878 | Senator |
| *Abernathy, J. H. .... | ..... | Teacher and Merchant | 1878-1879 | ..... | 1879 | |
| Henley, J. W. | Atlanta, Ga. | Lawyer | 1875-1879 | Murray Co. | 1879 | Assistant U. S. Dis. Attorney former C. S. C., Pickens Co. |
| Chapman, Miss Lizzie. | Cuba, Ga. | Teacher | 1874-1879 | Lumpkin Co. | 1879 | |
| Gaillard, J. J. | Macon, Ga. | Civil Eng. | 1878-1880 | Spalding Co. | 1880 | Chief Engineer G. S. & F. R. R. & M. & A. Interurban Line |
| Lewis, Mary R. (Mrs. W. F. Cruselle) | Atlanta, Ga. .... | ..... | 1878-1878 | Lumpkin Co. | 1880 | |
| Wilson, H. E. | Savannah, Ga. | Lawyer | 1877-1880 | Effingham Co. .... | ..... |  |
| Wilson, W. S. | Savannah, Ga. | Physician | 1877-1880 | Effingham Co. | 1880 | Prof. in N. G. A. C. |
| Watt, C. E. | Coweta, Ga. | Farmer | 1877-1881 | Forrest, Ala. .... | ..... |  |
| Power, C. G. | Vienna, Ga. | Teacher | 1878-1881 | Cobb Co. | 1881 | Supt. of Public Schools |
| Davis, Sallie G. | | | 1878-1881 | Lumpkin Co. | 1881 | |

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|---|--------------------|-----------|----------------------|-------|
| McDaniel, Miss F. | | 1880-1881 | Carroll Co. | 1881 |
| Howard, Mrs. J. N. | Easley, S. C. | 1873-1881 | Lumpkin Co. | 1881 |
| Henderson, Calvin | Ark | 1880-1882 | Paulding Co. | 1882 |
| Stow, M. N. | Jesup, Ga. | 1876-1882 | Lumpkin Co. | 1882 |
| Peoples, L. C. | Dawson, Ga. | 1880-1882 | Terrell Co. | 1882 |
| Mann, W. E. | Ringgold, Ga. | 1880-1882 | Floyd Co. | 1882 |
| Napier, G. M. | Monroe, Ga. | 1880-1882 | Walker Co. | 1882 |
| *Chapman, F. T. | ..... | 1874-1883 | Lumpkin Co. | 1883 |
| *Fricks, N. A. | ..... | 1880-1883 | Franklin Co. | 1883 |
| Jones, W. F. | Elberton, Ga. | 1881-1883 | Troup Co. | 1883 |
| Key, W. H. | Alabama | 1880-1883 | Banks Co. | 1883 |
| Stanton, M. W. | El Paso, Texas | 1881-1883 | Gordon Co. | 1883 |
| Wills, G. T. | ..... | 1880-1883 | Jackson Co. | 1883 |
| Boyd, J. W. | White Plains, Ga. | 1880-1884 | Dahlonega, Ga. | 1884 |
| Coleman E. W. | Canton, Ga. | 1880-1884 | Talking Rock, Ga. | 1884 |
| Coleman, W. S. | Atlanta, Ga. | 1880-1884 | Talking Rock, Ga. | 1884 |
| Martin, W. C. | Dalton, Ga. | 1881-1884 | Spring Place, Ga. | 1884 |
| Wardlaw, J. A. | Chattanooga, Tenn. | 1882-1884 | Chattanooga, Tenn. | 1884 |
| Wills, A. J. | Rome, Ga. | 1880-1884 | Chattanooga, Tenn. | 1884 |
| *Wills, Miss Massie (Mrs. John Ross) | ..... | 1880-1884 | Jefferson Co. | 1884 |
| Cavendar, J. M. | Chattanooga, Tenn. | 1883-1885 | Ringgold, Ga. | 1885 |
| Crusselle, G. W. | ..... | 1884-1885 | Atlanta, Ga. | 1885 |
| Lively, M. L. | Atlanta, Ga. | 1882-1885 | Norcross, Ga. | 1885 |
| Cartledge, S. J. | Athens, Ga. | 1884-1885 | Bold Springs, Ga. | 1886 |
| *Canning, N. G. | ..... | 1883-1886 | Flowerly Branch, Ga. | ..... |

Former Mayor of Dawsonville, Ga.
State Senator
Journalist; Judge Advocate Gen. and Orator; Gr'nd Mas. Ga. Masons
Once Member House of Representative.
Col. 3rd Reg. Inf't., Nat. Guard of Ga.
Was Prof. in Young Harris and N. G. A. Colleges, also State Senator.
Ed. Cedartown Standard and Pres. Ga. Weekly Press Asso., Grand Master T. O. F. of Ga.
State Senator
Dentist
Pastor Presbyterian Church Athens, Ga.

GRADUATES OF THE N. G. A. COLLEGE

| Name | Present Address | Occupation | Year in College | Residence When in College | Grad. | Remarks. |
|---|--------------------|-----------------|-----------------|---------------------------|-------|---|
| Cato, E. T. | ..... | Teacher | 1883-1886 | Glenville, Ala. | 1886 | |
| Cato, J. C. | ..... | ..... | 1883-1886 | Glenville, Ala. | 1886 | |
| Fisher, L. O. | Ozark, Ala. | Lawyer | 1881-1886 | Alpharetta, Ga. | 1886 | |
| Standard, C. T. | ..... | ..... | 1882-1886 | Marietta, Ga. | 1886 | R. R. Employee C. R. R. |
| Stribblings, J. P. | ..... | Farmer | 1883-1886 | Richland, S. C. | 1886 | Vice Pres. Bank |
| Craig, D. S. | Westminster, S. C. | Lawyer | 1886-1887 | Walhalla, S. C. | 1887 | |
| Nesbit, K. A. | Atlanta, Ga. | Law & Journ't. | 1882-1887 | Fairburn, Ga. | 1887 | |
| Phillips, E. L. | Fairburn, Ga. | Farmer | 1884-1887 | Griffin, Ga. | 1887 | |
| Phillips, J. H. | Griffin, Ga. | Physician | 1884-1887 | Griffin, Ga. | 1887 | |
| Fletcher, H. M. | Kirkwood, Ga. | Lawyer | 1884-1888 | Jackson, Ga. | 1888 | Former Mayor of Jackson Ga., Judge, Senator. |
| *Morris, J. H. | Birmingham, Ala. | Teacher | 1884-1888 | Griffin, Ga. | 1888 | |
| Sheldon, W. A. | ..... | Physician | 1886-1888 | Westminster, S. C. | 1888 | |
| Swanson, W. T. | Liberty, S. C. | Organizer | ..... | ..... | ..... |  |
| Woodward, J. C. | Young Harris | Farmers' Union. | 1888 | Dahlonega, Ga. | 1888 | |
| | College Park, Ga. | Teacher | 1884-1888 | Jackson, Ga. | 1888 | Pres. Ga. Military Acad., Lt. Col. Gov. staff. Degree A. M. |
| Mincy, W. H. | ..... | ..... | ..... | ..... | ..... |  |
| Shelton, W. H. | Woodstock, Ga. | Teacher | 1884-1889 | Two Run, Ga. | 1889 | |
| | Athens, Ga. | Broker | 1885-1889 | Jay, Ga. | 1889 | Lt. U. S. V. Spanish-American War. |
| Stribblings, T. M. | ..... | Preacher | 1886-1889 | Richland, S. C. | 1889 | Belongs to Synod of Ga. |
| Almand, E. H. | Cedartown, Ga. | Merchant | 1886-1889 | Conyers, Ga. | 1889 | Maj. U. S. A. V. Spanish-American War. |
| *Chamblee, W. R. | Conyers, Ga. | Lawyer | 1888-1890 | Pendergrass, Ga. | 1890 | Lt. U. S. Spanish-American War. |
| Vickery, E. B. | | Teacher | 1887-1890 | Hartwell, Ga. | 1890 | Prof. in N. G. A. C. since 1890. |
| Basinger, Miss M. L. (Mrs. E. P. Lawton) | Dahlonega, Ga. | | | Dahlonega | 1891 | |

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|-----------------------|------------------------------|-----------|------------------------|------|---|
| Gilbert, T. H. | Preacher | 1886-1891 | Pendergrass, Ga. | 1891 | Minister Tex. Con. M. E. Church |
| Almand, J. M. | Merchant | 1887-1891 | Conyers, Ga. | 1891 | |
| *Carmichael, H. B. .. | Physician | 1887-1891 | Eastman, Ga. | 1891 | |
| Head, H. | Physician | 1887-1891 | Dahlonga, Ga. | 1891 | Druggist |
| Harris, B. C. | Merchant | 1887-1891 | Dahlonga, Ga. | 1891 | |
| McMurray, R. A. | Merchant | 1887-1891 | Gainesville, Ga. | 1891 | Legislator |
| Meaders, A. W. | Farmer | 1887-1891 | Gainesville, Ga. | 1891 | |
| Phillips, T. J. | Physician | 1887-1891 | Griffin, Ga. | 1891 | Registrar and Asst. Pres. Oglethorpe University |
| Dendy, W. E. | Teacher | 1887-1891 | Richland, Ga. | 1891 | J'ge City C'tt Rome, Ga. |
| Fouche, J. S. | Lawyer | 1887-1891 | Rome, Ga. | 1891 | Once Librarian N. G. A. College |
| Whelchel, Miss Louise | Teacher | 1887-1891 | Dahlonga, Ga. | 1891 | State Senator, Co. Schl Comm'r Franklin Co. |
| Worley, Miss Anna L. | .. | 1887-1891 | Dahlonga, Ga. | 1891 | |
| *Cobb, W. H. | Teacher | 1889-1892 | Mt. Airy, Ga. | 1892 | |
| Allen, J. P. B. | Teacher | 1887-1892 | Dahlonga, Ga. | 1892 | |
| Ryals, Jas. W. | Merchant | 1889-1892 | Savannah, Ga. | 1892 | |
| Wood, Geo. B. | Merchant | 1888-1892 | Dawsonville, Ga. | 1892 | Doctor |
| Johnson, Miss Emily. | .. | 1891-1892 | Marietta, Ga. | 1892 | |
| McMullan, W. B. | Farmer | 1889-1893 | Hartwell, Ga. | 1893 | Ordinary of Hart Co. |
| Pitner, J. M. | Lawyer | 1889-1893 | Two Run, Ga. | 1894 | Wilkes Co. fo'm'r C. S. C. |
| Steele, W. H. | Doctor | 1889-1893 | Stewart, S. C. | 1894 | |
| Hammock, A. D. | Teacher | 1892-1895 | Conyers, Ga. | 1895 | C. S. C. Rockdale Co. |
| *Kimsey, W. L. | Teacher | 1895-1895 | Clarksville, Ga. | 1895 | |
| Alexander, D. H. | U. S. Mail Ser-vice S. R. R. | 1891-1895 | Salem, S. C. | 1895 | |
| *Roberts, Miss Alice | Teacher | 1890-1895 | Dahlonga, Ga. | 1895 | |
| Seabolt, T. W. | Merchant | 1891-1895 | Loudsville, Ga. | 1895 | |
| Petit, Geo. F. | .. | 1893-1895 | Cartecay, Ga. | 1895 | |
| Bryton, R. M. | Lawyer | 1892-1896 | Rockpile, Ga. | 1895 | Judge of City Court |
| *Kytie, J. W. | Preacher | 1894-1896 | Center Side, Ga. | 1896 | |
| Meaders, F. M. | Merchant | 1892-1896 | Dahlonga, Ga. | 1896 | P. M. at Dahlonga |
| Nix, R. C. | Farmer | 1893-1896 | Apple Valley, Ga. | 1896 | |
| Palmour, Oscar | Ins. Agent | 1892-1896 | Dougherty, Ga. | 1896 | |

GRADUATES OF THE N. G. A. COLLEGE

| Name. | Present Address | Occupation | Year in College | Residence When in College. | Grad. | Remarks |
|--|------------------------|-------------------|-----------------|----------------------------|-------|---|
| Sinquefeld, W. R. ... | Louisville, Ga. | Farmer | 1893-1896 | Louisville, Ga. | 1896 | |
| *Palmer, W. P. | Clarks ville, Ga. | Lawyer | 1892-1897 | Clarks ville, Ga. | 1897 | |
| Rogers, Miss Hattie (Mrs. A. M. Roundtree) | Adrian, Ga. | .. | 1894-1898 | Adrian, Ga. | 1898 | Wife of Dr. A. M. Roundtree |
| Parks, B. G. | Waycross, Ga. | Lawyer | 1895-1899 | Murrayville, Ga. | 1899 | City Atty of Waycross |
| Johnson, R. L. | .. | Teacher | 1897-1899 | Grangerville, Ga. | 1899 | |
| Clarke, E. M. | .. | Bookkeeper | 1898-1899 | Louisville, Ga. | 1899 | |
| Cain, A. W. | Manilla, P. I. | Teacher | 1896-1900 | Porter Springs, Ga. | 1900 | Super. Pedagogy Normal School of P. I. |
| Gurley, H. D., Jr. | .. | Supt. Telfh | 1896-1900 | Dahlonega, Ga. | 1900 | |
| *McCleskey, F. H. .. | Atlanta, Ga. | .. | 1898-1900 | Blackwells, Ga. | 1900 | |
| Peacock, H. L. | Rhine, Ga. | Lumberman | 1896-1900 | Cochran, Ga. | 1900 | |
| Smith, W. M. | Atlanta, Ga. | Lawyer | 1896-1900 | Augusta, Ga. | 1900 | |
| Harris, C. L. | Cummings, Ga. | Lawyer | 1897-1900 | Silver City, Ga. | 1900 | Mayor of Cummings, Ga., Co. Supt. |
| Gaillard, Miss Fannie | Dahlonega, Ga. | Editress | 1896-1900 | Dahlonega, Ga. | 1900 | Editor Dahlonega Echo. |
| McKibben, T. C. | Douglas, Ga. | .. | 1897-1900 | Patillo, Ga. | 1900 | Douglas |
| Blount, R. M. | Atlanta, Ga. | Fla. Official | 1898-1900 | Waynesboro, Ga. | 1900 | |
| Crisson, Maggie | Atlanta, Ga. | Trained Nurse | 1898-1900 | Dahlonega, Ga. | 1900 | |
| McKee, W. J. | Arizona | Truck Farmer | 1898-1900 | McKee, Ga. | 1900 | |
| *Sosebee, R. L. | .. | .. | 1898-1900 | Nelson, Ga. | 1900 | |
| West, J. W. | College Park, Ga. | Teacher | 1897-1901 | Vera, Ga. | 1901 | Prof. G.M.A., College P'k, Ga., Lt. Col. Gov. staff 1st Lt. U. S. Army. |
| Harris, S. A. | U. S. Army | Soldier | 1897-1901 | Silver City, Ga. | 1901 | |
| Welchel, A. J. | Cordele, Ga. | Physician | 1897-1901 | Dougherty, Ga. | 1901 | |
| Sosebee, L. P. | .. | Civil Eng | 1898-1901 | Nelson, Ga. | 1901 | |
| McGrath, M. H. | .. | .. | 1899-1901 | Nelson, Ga. | 1901 | |
| Scott, W. W. | Atlanta, Ga. | Clerk | 1899-1901 | Canton, Ga. | 1901 | |
| Farrar, W. T. | Atlanta, Ga. | Agt. I. N. H. Co. | 1899-1901 | Ingleside, Ga. | 1901 | |

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|--|-------------------|----------------|-----------|--------------------|------|
| Byers, J. H. | Austin, Texas | Law Student | 1898-1902 | Price, Ga. | 1902 |
| Horton, Paul Jones | U. S. Army | Soldier | 1899-1901 | Winder, Ga. | 1902 |
| Byers, Augustus | Price, Ga. | Exp. Messenger | 1898-1902 | Price, Ga. | 1902 |
| Gaillard, Miss Marie (Mrs. W. M. Pitner) | Chicago, Ill. | | 1898-1902 | Dahlonga, Ga. | 1902 |
| Barnes, J. C. | Dahlonga, Ga. | Teacher | 1898-1902 | Stinson, Ga. | 1902 |
| McKee, Miss Eva (Mrs. J. W. West) | College Park, Ga. | Teacher | ..... | McKee, Ga. | 1902 |
| Whelchel, Miss C. (Whitehead, Mrs. A. C.) | Atlanta, Ga. | Teacher | 1898-1902 | Pine Mt., Ga. | 1902 |
| Whitehead, A. C. | | Teacher | 1899-1906 | Eastman, Ga. | 1902 |
| Scales, J. H. | | Cashier | 1901-1902 | Suwanee, Ga. | 1902 |
| Byers, J. R. | Gainesville, Ga. | Farmer | 1899-1903 | Price, Ga. | 1903 |
| Grant, N. W. | U. S. Navy | Soldier | 1899-1903 | Clarksville, Ga. | 1903 |
| Berry, J. R. | Griffin, Ga. | Teacher | 1900-1903 | Griffin, Ga. | 1903 |
| Byers, Miss Cora | Price, Ga. | Trained Nurse | 1899-1903 | Price, Ga. | 1903 |
| Elkan, Louis | Washington State | Merchant | 1900-1903 | Brunswick, Ga. | 1903 |
| Maddox, C. E. | | | 1900-1903 | Freemansville, Ga. | 1903 |
| Gaillard, Miss Sallie | Chicago, Ill. | Teacher | 1900-1904 | Dahlonga, Ga. | 1904 |
| Fortson, L. G. | | Bank Examiner | 1901-1904 | Elberton, Ga. | 1904 |
| Henley, J. R. | U. S. Army | | 1900-1904 | Jasper, Ga. | 1904 |
| Gortatowsky, J. D. | Atlanta, Ga. | Journalist | 1900-1904 | Albany, Ga. | 1904 |
| Broach, J. F. | Atlanta, Ga. | Teacher | 1900-1904 | Compton, Ga. | 1904 |
| Stewart, J. C. | Leary, Ga. | Physician | 1900-1904 | Ludville, Ga. | 1904 |
| Bowen, Urban | Gainesville, Ga. | Teacher | 1900-1904 | Testatee, Ga. | 1904 |
| Chappel, A. H. | Griffin, Ga. | Merchant | 1901-1901 | Chappel, Ga. | 1904 |
| Drew, W. D. | Midville, Ga. | Cashier | 1901-1904 | Midville, Ga. | 1904 |
| Holden, Lester | | | 1901-1901 | Johnson, Ga. | 1904 |
| *Steed, O. W. | Spring Place | Merchant | 1900-1904 | Spring Place, Ga. | 1904 |
| Jelks, G. J. | Atlanta, Ga. | | 1902-1904 | Hawkinsville, Ga. | 1904 |
| Peacock, W. H. | Cochran, Ga. | Farmer | 1902-1904 | Cochran, Ga. | 1904 |
| Rutherford, Robert | Culloden, Ga. | Freight Agent | 1901-1904 | Culloden, Ga. | 1904 |
| Byers, Rufus | Manila, P. I. | Soldier | 1899-1905 | Price, Ga. | 1905 |
| Whelchel, Miss Ruth | Lyons, Ga. | Teacher | 1900-1905 | Price, Ga. | 1905 |

1st Lt. Coast Artillery.

Employee in P. Office.

Paymaster.

Prin. Public School.

1st Lt. Marines.

Constitution Staff.

Prin. of High School

1st Lt. Const., P. I.

GRADUATES OF THE N. G. A. COLLEGE

| Name | Present Address | Occupation | Year in College | Residence when in College | Grad. | Remarks |
|-------------------------|------------------------|-------------------|-----------------|---------------------------|-------|---|
| Wilson, F. C. | Savannah, Ga. | Dentist | 1881-1885 | Savannah, Ga. | 1905 | Pres. Bowden College; Supt. Public Schools, Georgiana, Ala.; now Prof. of History in N. G. A. College |
| Lunsford, W. P. | Dahlonega, Ga. | Teacher | 1901-1904 | Suches, Ga. | 1903 | |
| Gay, B. F. | Sharpton, Ga. | Teacher | 1902-1905 | Sharpton, Ga. | 1905 | Capt. Nat. Guard. |
| *Smith, R. E. L. | Greely, Ga. | Teacher | 1901-1905 | Greely, Ga. | 1905 | |
| Breedlove, W. M. | Monroe, Ga. | Merchant | 1903-1905 | Monroe, Ga. | 1905 | |
| Castleberry, L. R. | College Park, Ga. | Bookkeeper | 1903-1905 | Dahlonega, Ga. | 1905 | |
| Harris, C. M. | Dalton, Ga. | Farmer | 1903-1905 | Dalton, Ga. | 1905 | |
| *Matthews, W. O. | Decatur, Ga. | Farmer | 1903-1905 | Decatur, Ga. | 1905 | |
| McKee, H. D. | McKee, Ga. | Farmer | 1902-1905 | McKee, Ga. | 1905 | |
| Aycock, J. T. | Monroe, Ga. | Farmer | 1902-1905 | Monroe, Ga. | 1905 | |
| Patterson, E. P. | Griffin, Ga. | Lawyer | 1901-1905 | Miln-r, Ga. | 1905 | |
| Barnes, G. M. | Midville, Ga. | Merchant | 1902-1906 | Stinson, Ga. | 1906 | |
| Gaillard, W. S. | Dahlonega, Ga. | Lawyer | 1900-1906 | Dahlonega, Ga. | 1906 | |
| Jackson, W. L. | Hepzibah, Ga. | Telephone S. | 1901-1906 | Stockbridge, Ga. | 1906 | |
| McKibbin, G. C. | Atlanta, Ga. | Teacher | 1904-1906 | Elgin, Ga. | 1906 | |
| Davidson, E. W. | Compton, Ga. | Merchant | 1903-1906 | Atlanta, Ga. | 1906 | |
| Broach, W. E. | Pierceville, Ga. | Teacher | 1903-1906 | Compton, Ga. | 1906 | |
| Phillips, J. E. | Tennille, Ga. | Lumberman | 1902-1906 | Pierceville, Ga. | 1906 | |
| Burnett, C. D. | Asheville, N. C. | Bookkeeper | 1902-1906 | Tennille, Ga. | 1906 | |
| Moore, R. V. | Manila, P. I. | Elec. Engineer .. | 1903-1906 | Dahlonega, Ga. | 1906 | |
| Knox, J. T. | Gainesville, Ga. | Const. Serv. | 1902-1906 | Westminster, S. C. | 1906 | |
| Simmons, Y. J. | Bell'gham, Wash. | Teacher | 1904-1906 | Gainesville, Ga. | 1906 | |
| *Elkan, Julius | Nashville, Ga. | Merchant | 1904-1907 | Brunswick, Ga. | 1907 | |
| Gaskins, Alvah | Pierceville, Ga. | Merchant | 1903-1907 | Nashville, Ga. | 1907 | |
| Phillips, Chas. G. .... | ..... | Lumberman | 1903-1907 | Fannin Co., Ga. | 1907 | |
| Stephens, M. L. | Hoschton, Ga. | Farmer | 1904-1907 | Heard Co., Ga. | 1907 | |
| Shed, Lizzie .... | ..... | Teacher | 1902-1908 | Hoschton, Ga. | 1908 | |
| Burch, A. A. | Dublin, Ga. | Lawyer | 1904-1908 | Dublin, Ga. | 1908 | |

| | | | | | | |
|--------------------------------------|---------------------|--------------------------|-----------|-------------------|-------|--------------------------------------|
| Ray, Bruce | Clarksville, Ga. | Teacher | 1908-1908 | Newport, Ga. | 1908 | Prof. 9th Dist. A. & M. Col. |
| Gay, M. C. | Clarksville, Ga. | ..... | -1908 | Sharptop, Ga. | 1908 | Agr. Extension Work for |
| Townsend, W. T. | Cartersville, Ga. | Lawyer | 1900-1906 | Sharptop, Ga. | 1908 | U. S. Gov. |
| Black, J. D. | Dawsonville, Ga. | ..... | -1908 | ..... | ..... | ..... |
| Brooksher, C. J. | Winder, Ga. | Merchant | 1902-1908 | Dahlonega, Ga. | 1908 | ..... |
| Brown, C. B. | Camden Co. | ..... | 1903-1908 | Camden Co. | 1908 | ..... |
| Castleberry, V. W. | ..... | Moving Picture | 1902-1908 | Dahlonega, Ga. | 1908 | ..... |
| Madue, Jackson (Mrs. Sam Buffington) | Atlanta, Ga. | ..... | 1902-1908 | Dahlonega, Ga. | 1908 | ..... |
| Neal, Harry | Hamilton, Ga. | ..... | 1903-1908 | Hamilton, Ga. | 1908 | ..... |
| Creel, J. E. | Valdosta, Ga. | Teacher | 1905-1908 | College Park, Ga. | 1908 | Prof. in 7th Dist. Agri. College. |
| Denham, E. T. | Eatonton, Ga. | ..... | 1904-1908 | ..... | ..... | ..... |
| Fraser, C. W. | Hinesville, Ga. | ..... | 1904-1908 | Hinesville, Ga. | 1908 | Prof. 11th Dist. Agr. College. |
| Rice, G. E. | Forsyth Co. | ..... | 1904-1908 | Forsyth Co., Ga. | 1908 | ..... |
| Bynum, G. N., A.B. | Clayton, Ga. | Lawyer | 1905-1909 | Pine Mt., Ga. | 1908 | ..... |
| Power, C. E., A.B. | ..... | ..... | 1906-1909 | Vienna, Ga. | 1908 | ..... |
| McGuire, Fannie | Dahlonega, Ga. | ..... | 1905-1909 | Dahlonega, Ga. | 1909 | ..... |
| (Mrs. F. C. Bolding) | ..... | ..... | ..... | ..... | ..... | ..... |
| John-son, H. V. | Gainesville, Ga. | Lawyer | 1905-1909 | New Bridge, Ga. | 1909 | ..... |
| Cavender, E. J. | Murrayville, Ga. | Teacher | 1905-1909 | Dahlonega, Ga. | 1909 | Student of Pharmacy at Athens |
| Cavender, F. C., B.S. | Dahlonega, Ga. | Teacher | 1905-1909 | Dahlonega, Ga. | 1909 | ..... |
| Whelchel, H.E., M.E. | Dahlonega, Ga. | Supt. of Mines | 1905-1909 | Price, Ga. | 1909 | ..... |
| Willingham, E. D. | Atlanta, Ga. | Lumber Dealer | 1905-1909 | Atlanta, Ga. | 1909 | ..... |
| Burnet, Carl B., Agr. | ..... | ..... | 1905-1909 | Dahlonega, Ga. | 1909 | ..... |
| Galloway, T. O. | Barnesville, Ga. | Teacher | 1905-1909 | Elberton, Ga. | 1909 | ..... |
| Vaughn, P.W., B.B.S. | Williamson, Ga. | Cashier | 1906-1909 | Dahlonega, Ga. | 1909 | ..... |
| McKee, Burt, B.B.S. | McKee, Ga. | Merchant | 1906-1909 | Dahlonega, Ga. | 1909 | ..... |
| Price, F. S. L., A.B. | U. S. Army | Officer | -1909 | Dahlonega, Ga. | 1909 | ..... |
| Ash, W. L., A.B. | Dahlonega, Ga. | Teacher | -1909 | Dahlonega, Ga. | 1909 | Capt. 8th U. S. Infantry. |
| Shul'z, C. | Dahlonega, Ga. | R. F. D. Carrier | ..... | Dahlonega, Ga. | 1909 | Prof. in N. G. A. College since 1911 |
| Glenn, Miss Lillian. | Spartansburg, S. C. | ..... | 1906-1910 | Dahlonega, Ga. | 1910 | ..... |
| (Mrs. J. D. Pilcher) | ..... | ..... | ..... | ..... | ..... | ..... |
| Glenn, Miss Louise. | Spartansburg, S. C. | ..... | 1906-1910 | Dahlonega, Ga. | 1910 | ..... |
| (Mrs. R. O. Monk) | ..... | ..... | ..... | ..... | ..... | ..... |
| Cavender, T. M., B.S. | Atlanta, Ga. | Clerk Bell Telephone Co. | 1906-1910 | Dahlonega, Ga. | 1910 | ..... |
| Ellison, Julian, B.S. | Mexico | Mining | 1907-1910 | Waynesboro, Ga. | 1910 | ..... |

GRADUATES OF THE N. G. A. COLLEGE

| Name | Present Address | Occupation | Year in College | Residence When in College | Grad. | Remarks |
|---|-----------------------|-------------|-----------------|---------------------------|-------|------------------------------------|
| Neal, Cecil, B.S. | Gainesville, Ga. | Soldier | 1906-1910 | Gainesville, Ga. | 1910 | Capt. Nat. Guard. |
| Phillips, B. H., B.S. . | Priceville, Ga. | | 1906-1910 | Priceville, Ga. | 1910 | |
| Ray, Clark, B.S. | Ellijay, Ga. | Lawyer | 1906-1910 | Newport, Ga. | 1910 | |
| Vandiviere, E. C., B.S. | Dawsonville, Ga. | R. L. C. | 1906-1910 | Dawsonville, Ga. | 1910 | |
| Davidson, J. W., E.M. | Knoxville, Tenn. | Merchant | 1905-1910 | Atlanta, Ga. | 1910 | |
| Kent, R. H., B. Agr. | Dawson, Ga. | Teacher | 1906-1910 | Butts, Ga. | 1910 | |
| Richard, L. M., E.M. | Curtis, S. D. | Mining Eng. | -1910 | Gadistown, Ga. | 1910 | |
| Wallace, R. W., B.S. | Rutledge, Ga. | Cashier | 1907-1910 | Rutledge, Ga. | 1910 | |
| Cleveland, C. J., A.B. | Hartwell, Ga. | Merchant | 1909-1911 | Hartwell, Ga. | 1911 | |
| Fry, Marian, A.B. | Dahlonega, Ga. | Teacher | 1907-1911 | Dahlonega, Ga. | 1911 | |
| McGee, J. P., A.B. | Atlanta, Ga. | Physician | 1907-1911 | Dahlonega, Ga. | 1911 | |
| Baker, H. L., B.S. | Atlanta, Ga. | Merchant | | | | |
| Bynum, G. L., B.S. | Clayton, Ga. | Lawyer | 1907-1911 | Pine Mt., Ga. | 1911 | |
| Cavender, Miss Nell. (Mrs. Jeff Hulsey) | Gainesville, Ga. | | 1907-1911 | Dahlonega, Ga. | 1911 | |
| Head, Nellie, B.S. | Dahlonega, Ga. | Teacher | 1907-1911 | Dahlonega, Ga. | 1911 | |
| Mathews, W. S., B.S. . | Dahlonega, Ga. | | 1907-1911 | Hawkinsville, Ga. | 1911 | |
| Meredith, A. W. | Belton, S. C. | Teacher | 1907-1911 | Townville, S. C. | 1911 | |
| Nelson, H. E. | Blairsville, Ga. | Teacher | 1907-1911 | Suches, Ga. | 1911 | Prin. Blairsville Collegiate Inst. |
| Rice, Pearl (Mrs. Chas. Davis) | Birmingham, Ala. | | 1907-1912 | Dahlonega, Ga. | 1912 | |
| *Wood, H. G., B.S. . | Jasper, Ga. | Lawyer | 1907-1912 | Jasper, Ga. | 1912 | |
| Ellison, Julian, E.M. | Waynesboro, Ga. | Min. Eng. | 1907-1911 | Waynesboro, Ga. | 1912 | |
| McDaniel, W. C., E.M. | Albany, Ga. | | 1907-1911 | Albany, Ga. | 1912 | |
| Fraser, D. A., B.B.S. | Hinesville, Ga. | | 1907-1911 | Hinesville, Ga. | 1912 | |
| Huff, J. G., A.B. | Mascot, Tenn. | Min. Eng. | 1908-1912 | Dahlonega, Ga. | 1912 | |
| McGee, Alice, A.B. | Dahlonega, Ga. | Teacher | 1908-1912 | Dahlonega, Ga. | 1912 | Dahlonega Graded School. |
| Rice, Pearl, A.B. (Mrs. Chas Davis) | Birmingham | | 1908-1912 | Dahlonega, Ga. | 1912 | |
| Harris, R. W., B.S. .. | Dalton, Ga. | | 1908-1912 | Dalton, Ga. | 1912 | |

| | | | | | |
|---------------------------------------|----------------------------|-----------|---------------------------|------|---|
| Huie, W. E., B.S. | College Park, Ga. | 1908-1912 | College Park, Ga. | 1912 | |
| McKee, H. G., B.S. | Ellenwood, Ga. | 1908-1912 | Ellenwood, Ga. | 1912 | |
| Rogers, A. A., B.S. | Commerce, Ga. | 1908-1912 | Commerce, Ga. | 1912 | |
| Stanton, Mary (Mrs. J. J. Willingham) | Douglas, Ga. | 1908-1912 | Dahlonega, Ga. | 1912 | |
| Gibbs, J. A., B.Agr. | Bostwick, Ga. | 1908-1912 | Bostwick, Ga. | 1912 | |
| McKee, Ora, B.Ph. | Atlanta, Ga. | 1908-1912 | Burtsboro, Ga. | 1912 | |
| (Mrs. H. H. James) | | | | | |
| Orr, J. E., B.B.S. | Emma, Ga. | 1908-1912 | Emma, Ga. | 1912 | |
| Smith, E. W., B.B.S. | Henrietta, Okla. | 1908-1912 | Gainesville, Ga. | 1912 | |
| Smith, L. W., B.B.S. | East Point, Ga. | 1908-1912 | Gainesville, Ga. | 1912 | |
| Pendley, Chas., E.M. | Marble Hill, Ga. | 1908-1912 | Marble Hill, Ga. | 1912 | |
| Boyd, W. L. | | 1907-1913 | Dahlonega, Ga. | 1913 | |
| Brooksher, Miss | | | | | |
| Blanche | Dahlonega, Ga. | 1908-1913 | Dahlonega, Ga. | 1913 | Teacher Academic Dept. Young Harris College. |
| (Mrs. M. C. Wiley) | | | | | |
| Cantrell, P. L. | | 1908-1913 | Dahlonega, Ga. | 1913 | |
| Hule, H. G. | Riverdale, Ga. | 1909-1913 | Dahlonega, Ga. | 1913 | |
| Ledbetter, H. M. | Dustin, Okla. | 1909-1913 | Porum, Okla. | 1913 | |
| Mathews, W. S. | Ft. Wayne, Ind. | 1908-1913 | Hawkinsville, Ga. | 1913 | |
| Meaders, H. T. | Atlanta, Ga. | 1909-1913 | Swainsboro, Ga. | 1913 | Student in Ga. Tech. |
| Pilcher, J. D. | Spartanburg, S. C. | 1909-1913 | Augusta, Ga. | 1913 | |
| Sargent, H. T. | Dahlonega, Ga. | 1907-1913 | Dahlonega, Ga. | 1913 | Radcliff's Chautauqua. |
| Sargent, J. L. | Nicholls, Ga. | 1907-1913 | Dahlonega, Ga. | 1913 | Prin. Nicholls High School. |

CLASS 1914

| Name | Present Address | Occupation. | Years in College. | Residence when in College. | Grad | Remarks. |
|------------------------|-----------------------|--------------------|-------------------|----------------------------|------|--|
| *Chamlee, Guy, E. M. | Mammoth, Cal. | Mining & Eng. ... | 1910-1914 | Canton, Ga. | 1914 | |
| Keith, H. W., A.B.... | Columbus, Ga. | Teacher | 1911-1914 | Clermont, Ga. | 1914 | Prof. Math. |
| King, F. P., E.M. ... | Spring Place, Ga. ... | Cachier | 1910-1914 | Spring Place, Ga. | 1914 | |
| Nicholson, E., B.B.S. | Marble Hill, Ga. | Teacher | 1908-1914 | Pine Mt., Ga. | 1914 | Teacher Marble Hill. |
| Peyton, G., E.M. | Mammoth, Cal. | Mining & Eng. ... | 1908-1914 | Mt. Airy, Ga. | 1911 | |
| Quillian, Mary L. A.B. | Brookton, Ga. .... | ..... | 1909-1914 | Gainesville, Ga. | 1914 | |
| Rogers, R. Lee, B.Ph. | Atlanta, Ga. | Stud. in Med. Col. | 1909-1914 | Gainesville, Ga. | 1914 | |
| Wiley, M. C., A.B.... | Clarksville, Ga. | Teacher | 1910-1914 | Ball Ground, Ga. | 1914 | Teacher in 9th District Agricultural School. |

GRADUATES OF THE N. G. A. COLLEGE---CLASS 1915

| | | | | | | |
|------------------------|---------------------|---------------|-----------|-----------------------|------|----------------------------|
| Brown, W. E., B.B.S. | Rochelle, Ga. | Cashier | 1911-1915 | Rochelle, Ga. | 1915 | |
| Gainey, J. J., A.B.... | Rochelle, Ga. | Teacher | 1911-1915 | Cairo, Ga. | 1915 | |
| Glenn, A. C., A.B.... | Atlanta, Ga. | Clerk | 1912-1915 | Carlton, Ga. | 1915 | |
| Huie, W. P., A.B.... | Riverdale, Ga. | Farmer | 1912-1915 | Riverdale, Ga. | 1915 | |
| Lawson, U. A., A.B.. | Appling, Ga. .... | ..... | 1912-1915 | Gainesville, Ga. | 1915 | |
| McMillan, R. K., E.M. | Mammoth, Cal. | Mining | 1910-1915 | Acworth, Ga. | 1915 | |
| Nicholson, E.N., B.Ag | Dahlonega, Ga. | Teacher | 1911-1915 | Pine Mt., Ga. | 1915 | Prof. in N. G. A. College. |

GRADUATES OF THE N. G. A. COLLEGE---CLASS OF 1916

| Name | Present Address | Occupation | Years in College | Residence when in College | Class | Remarks |
|--------------------------|---------------------|--------------|------------------|---------------------------|-------|--------------------------|
| Frizzelle, L. C., B. Ag. | ..... | U. S. Army | 1913-1916 | Gainesville, Ga. | 1916 | 2nd. Lieut in U. S. Army |
| Hatfield, W. A., B.S. | Powder Springs, Ga. | Teaching | 1912-1916 | Dahlonega, Ga. | 1916 | |
| and B. Ag. | ..... | Med. College | 1912-1916 | Newnan, Ga. | 1916 | |
| McCaslan, W. H., A. | ..... | ..... | 1911-1916 | Dahlonega, Ga. | 1916 | |
| B. and B.S. | Dahlonega, Ga. | ..... | 1912-1916 | Fairmount, Ga. | 1916 | |
| McGee, Bertie, A.B. | Fairmount, Ga. | Army | 1910-1916 | Loganville, Ga. | 1916 | Nat. Guard of Ga. |
| Owen, J. E., B.S. | | Teaching | 1912-1916 | Ball Ground, Ga. | 1916 | |
| Palmer, C. H., B. Ag. | Fairmount, Ga. | | | | | |
| Smith, Oscar, A.B. | | | | | | |
| and B.S. | | | | | | |

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